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1896

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Slow pass our days
In childhood, and the hours of light are long
Betwixt the morn and eve; with swifter lapse
They glide in manhood, and in age they fly;
Till days and seasons flit before the mind
As flit the snowflakes in a winter storm,
Seen rather than distinguished. — BRYANT.

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TO PATRONS AND CORRESPONDENTS.

We give our friends and patrons of '96 a hearty greeting at the opening of the New Year, and our correspondents sincere thanks for their favors.

The Almanac is computed in **Standard Time** (*i. e.*, the Time of the 75th meridian west from Greenwich), 16m. behind Boston local time.

"It is by our works and not by our words we would be judged: these we hope will sustain us in the humble though proud station we have so long held. . . .

Prof. B. Thomas.

The Calculations are made in Standard Time for the longitude and latitude of Boston, and for general purposes are sufficiently accurate for all parts of New England. If, however, greater accuracy is desired, the following precepts can be regarded.

The correction for Full Sea can be obtained from the Tide Table in p. 38.

The other corrections can be obtained from the Table given in p. 35. This Table contains corrections for the principal cities of the New England States; and any other place in New England can use the correction of the place in the Table which is nearest in longitude to itself.

For Sun Fast, subtract tabular quantity if longitude from Boston is West, but add it if East. For Moon Souths add tabular quantity if longitude is West, but subtract it if East.

For the Rising and Setting of the Sun, Moon, and Planets add tabular quantity if longitude from Boston is West, but subtract if East, and this will give the correct value when the place is in or near the same latitude as Boston. When the place differs considerably in latitude from that of Boston, the correction will also be right when the celestial body is on or near the equator, and when it is remote from the equator this corrected result will still be approximately right.

<i>East</i>		<i>West</i>		<i>West</i>	
Augusta, Me.,	5 min.	Keene, N.H.,	5 min.	Williamstown, Mass.,	9 min.
Portland, Me.,	3 "	Montpelier, Vt.,	6 "	Newport, R.I.,	1 "
Biddeford, Me.,	2 "	Battleboro, Vt.,	5 "	Providence, R.I.,	1 "
Portsmouth, N.H.,	1 "	Burlington, Vt.,	9 "	New London, Conn.,	4 "
Provincetown, Mass.,	4 "	Lowell, Mass.,	1 "	Hartford, Conn.,	7 "
	<i>West</i>	Worcester, Mass.,	3 "	New Haven, Conn.,	7 "
Concord, N.H.,	2 min.	Springfield, Mass.,	6 "	Bridgeport, Conn.,	9 "

JANUARY.						FEBRUARY.						MARCH.						APRIL.					
S	M	T	W	Th	F	S	M	T	W	Th	F	S	M	T	W	Th	F	S	M	T	W	Th	F
-	-	-	1	2	3	-	-	-	-	-	1	1	2	3	4	5	6	-	-	-	1	2	3
5	6	7	8	9	10	2	3	4	5	6	7	8	9	10	11	12	13	12	13	14	15	16	17
12	13	14	15	16	17	9	10	11	12	13	14	15	16	17	18	19	20	19	20	21	22	23	24
19	20	21	22	23	24	16	17	18	19	20	21	22	23	24	25	26	27	26	27	28	29	30	31
26	27	28	29	30	31	23	24	25	26	27	28	29	30	31	-	-	-	26	27	28	29	30	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY.						JUNE.						JULY.						AUGUST.					
S	M	T	W	Th	F	S	M	T	W	Th	F	S	M	T	W	Th	F	S	M	T	W	Th	F
-	-	-	-	-	1	-	1	2	3	4	5	-	-	1	2	3	4	-	-	-	-	-	1
3	4	5	6	7	8	7	8	9	10	11	12	5	6	7	8	9	10	2	3	4	5	6	7
10	11	12	13	14	15	14	15	16	17	18	19	12	13	14	15	16	17	9	10	11	12	13	14
17	18	19	20	21	22	21	22	23	24	25	26	19	20	21	22	23	24	16	17	18	19	20	21
24	25	26	27	28	29	28	29	30	-	-	-	26	27	28	29	30	31	23	24	25	26	27	28
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	31	-	-	-	-
SEPTEMBER.						OCTOBER.						NOVEMBER.						DECEMBER.					
S	M	T	W	Th	F	S	M	T	W	Th	F	S	M	T	W	Th	F	S	M	T	W	Th	F
-	-	1	2	3	4	-	-	-	1	2	3	1	2	3	4	5	6	-	-	1	2	3	4
6	7	8	9	10	11	4	5	6	7	8	9	8	9	10	11	12	13	6	7	8	9	10	11
13	14	15	16	17	18	11	12	13	14	15	16	15	16	17	18	19	20	13	14	15	16	17	18
20	21	22	23	24	25	18	19	20	21	22	23	22	23	24	25	26	27	20	21	22	23	24	25
27	28	29	30	-	-	25	26	27	28	29	30	29	30	-	-	-	-	27	28	29	30	31	-

ECLIPSES FOR THE YEAR 1896.

THERE will be four Eclipses this year, two of the SUN and two of the MOON.

I. AN ANNULAR ECLIPSE OF THE SUN, Feb. 13, invisible in New England, but visible in the south-eastern part of South America, the south-western part of Africa, the Atlantic, South Pacific, and Indian Oceans, and about the South Pole.

II. A PARTIAL ECLIPSE OF THE MOON, February 28, invisible in New England, but generally visible in Europe, Asia, and Africa.

III. A TOTAL ECLIPSE OF THE SUN, August 8-9, invisible in New England, but visible in portions of Europe, Asia, Alaska, the Pacific Ocean, and about the North Pole.

IV. A PARTIAL ECLIPSE OF THE MOON, August 23, visible in New England.

Begins. Middle. Ends.
Oh. 24.5m. A. M. 1h. 57.5m. A. M. 3h. 30.4m. A. M.

CHRONOLOGICAL CYCLES FOR 1896.

Dominical Letters . . . E, D | Lunar Cycle or . . . 16 | Roman Indiction . . . 9
Epact . . . 15 | Solar Cycle 1 | Golden Number . . . 609 | Julian Period . . . 6609

MOVABLE FEASTS AND FASTS FOR 1896.

Septuagesima Sund., Feb. 2	Good Friday, Apr. 3	Whit-Sunday, May 24
Shrove Sunday, " 16	Easter Sunday, " 5	Trinity Sunday, " 31
Ash Wednesday, " 19	Low Sunday, " 12	Corpus Christi, June 4
First Sund. in Lent, " 23	Rogation Sunday, May 10	Advent Sunday, Nov. 29
Palm Sunday, Mar. 29	Holy Thursday, " 14	

PLANETS. — 1896.

JANUARY.			MAY.			SEPTEMBER.		
	d.	h. m.		d.	h. m.		d.	h. m.
Venus ♀ rises	5	3 48 A.M.	♀ rises	5	3 57 A.M.	♀ sets	4	6 52 P.M.
Mars ♂ rises	12	5 14 A.M.	♂ rises	12	2 11 A.M.	♂ rises	11	9 43 P.M.
Jupiter ♃ rises	18	5 1 P.M.	♃ sets	18	11 42 P.M.	♃ rises	19	2 59 A.M.
Saturn ♄ rises	26	1 22 A.M.	♄ sets	26	3 30 A.M.	♄ sets	25	7 30 P.M.

FEBRUARY.			JUNE.			OCTOBER.		
	d.	h. m.		d.	h. m.		d.	h. m.
♀ rises	5	4 41 A.M.	♀ rises	5	3 39 A.M.	♀ sets	4	6 15 P.M.
♂ rises	12	4 50 A.M.	♂ rises	12	1 1 A.M.	♂ rises	11	8 27 P.M.
♃ sets	19	5 28 A.M.	♃ sets	18	9 56 P.M.	♃ rises	19	1 30 A.M.
♄ rises	25	11 24 P.M.	♄ sets	26	1 24 A.M.	♄ sets	25	5 41 P.M.

MARCH.			JULY.			NOVEMBER.		
	d.	h. m.		d.	h. m.		d.	h. m.
♀ rises	5	4 55 A.M.	♀ rises	5	4 7 A.M.	♀ sets	4	6 4 P.M.
♂ rises	12	4 12 A.M.	♂ rises	11	11 54 P.M.	♂ rises	11	6 27 P.M.
♃ sets	19	3 28 A.M.	♃ sets	18	8 15 P.M.	♃ rises	18	11 51 P.M.
♄ rises	25	9 26 P.M.	♄ sets	25	11 24 P.M.	♄ rises	26	5 45 A.M.

APRIL.			AUGUST.			DECEMBER.		
	d.	h. m.		d.	h. m.		d.	h. m.
♀ rises	5	4 32 A.M.	♀ sets	4	7 27 P.M.	♀ sets	4	6 46 P.M.
♂ rises	12	3 15 A.M.	♂ rises	11	10 48 P.M.	♂ sets	12	7 20 A.M.
♃ sets	19	1 29 A.M.	♃ rises	19	4 27 A.M.	♃ rises	18	10 3 P.M.
♄ rises	25	7 15 P.M.	♄ sets	25	9 25 P.M.	♄ rises	26	4 4 A.M.

MORNING AND EVENING STARS (1896).

Venus will be Morning Star till July 9, then Evening Star the rest of the year.

Mars will be Morning Star till Dec. 11, then Evening Star the rest of the year.

Jupiter will be Morning Star till Jan. 24, Evening Star till Aug. 12, then Morning Star the rest of the year.

Saturn will be Morning Star till May 5, Evening Star till Nov. 13, then Morning Star the rest of the year. (See foot of p. 8.)

NAMES AND CHARACTERS OF THE PRINCIPAL PLANETS.

☾ The Moon.	♀ Venus.	♁ The Earth.	♅ Uranus.	♄ Juno.
☼ The Sun.	♂ Mars.	♄ Saturn.	♆ Neptune.	♃ Pallas.
♂ Mercury.	♃ Jupiter.		♁ Vesta.	♀ Ceres.

NAMES AND CHARACTERS OF THE ASPECTS.

♂ Conjunction, or in the same degree.	♄ Opposition, or 180 degrees.
* Sextile, 60 degrees.	♄ Dragon's Head, or Ascending Node.
□ Quartile, 90 deg. | Δ Trine, 120 deg.	♄ Dragon's Tail, or Descending Node.

NAMES AND CHARACTERS OF THE SIGNS OF THE ZODIAC.

1. ♈ Aries, head.	5. ♌ Leo, heart.	9. ♐ Sagittarius, thighs.
2. ♉ Taurus, neck.	6. ♍ Virgo, belly.	10. ♑ Capricornus, knees.
3. ♊ Gemini, arms.	7. ♎ Libra, reins.	11. ♒ Aquarius, legs.
4. ♋ Cancer, breast.	8. ♏ Scorpio, secrets.	12. ♓ Pisces, feet.

COLLEGES, PROFESSIONAL, AND NORMAL SCHOOLS IN NEW ENGLAND.

(Corrected Sept. 1895.)

Colleges.

BATES, LEWISTON, ME. 3 tms. Beg. Sept. 10, Jan. 7, Apr. 7. Com. Th. aft. last Wed. June.

BOWDOIN, BRUNSWICK, ME. Com. 4th Th. June. Vac. 11w. fm Com.; 2w. at Christmas; 1w. in Spring.

COLBY UNIVER., WATERVILLE, ME. Com. Wed. bef. 4th of July. Tms.: 1st, Sept. 18-Dec. 19; 2d, Jan. 1-March 13; 3d, Apr. 3-July 2.

ME. WESLEYAN SEM. AND FEM. COL., KENT'S HILL, ME. 3 tms., 13w. ea. Beg. 4th Tu. Aug., 2d Tu. Dec., 3d Tu. Mar.

DARTMOUTH, HANOVER, N.H. Com. last Wed. June; vac. 11w. after.

N. H. CONF. SEMINARY AND FEMALE COLLEGE, TILTON, N.H. 3 tms. Begin Sept. 10, '95; Dec. 9, '95; Mar. 24, '96.

NORWICH UNIV. (Military), NORTH-FIELD, VT. Year beg. Th. Sept. 19, '95; closes Th. June 26, '96.

MIDDLEBURY, MIDDLEBURY, VT. Tms. beg. Jan. 2, Apr. 2, Sept. 17, '96.

UNIVERSITY OF VT. AND STATE AG. COL., AT BURLINGTON. Com. last Wed. June; vac. fm. Com. to last Wed. Sept.—fm. Wed. bef. Chr'mas, 10d., 1w. in Apr.

MONTPELIER SEMINARY, MONTPELIER, VT. Tms. beg. Sept. 3, and Dec. 10, '95; Mar. 24, '96.

AMHERST, AMHERST, MASS. 3 tms. Beg. Jan. 2, Apr. 10, and Sept. 10, '96.

BOSTON COLLEGE, BOSTON, MASS. 2 terms. Beg. 1st Tu. Sept. and Feb.

BOSTON UNIVER., BOSTON, MASS.—COLL. OF LIBERAL ARTS. 3 tms. 1st beg. Sept. 19, '95; 2d beg. Jan. 2, '96; 3d beg. Mar. 19, '96. GRADUATE SCH. OF ARTS AND SCI. Tms. as in Coll. of Lib. Arts.

COLL. OF THE HOLY CROSS, WORCESTER, MASS. Year beg. 1st Wed. Sept., ends last Th. June.

HARVARD, CAMBRIDGE, MASS. Year beg. Th. after last Wed. Sept., ends at Com. last Wed. June; rec. 23 Dec. to Jan. 2, inclu., and 1 wk., including Apr. 19.

SMITH COLL., NORTHAMPTON, MASS. (Women.) 2 tms. 1st tm. beg. Sept. 13, '95.

TUFTS COLLEGE, MASS. A single tm. of 39w. Begins Sept. 19, '95. Com. 3d Wed. June; vac. 13w.

WELLESLEY COLLEGE, WELLESLEY, MASS. (For women.) 3 tms., Sept. 18, '95, Jan. 9, '96, April 7, '96. Com. June 24.

WILLIAMS, WILLIAMSTOWN, MASS. Year beg. Sept. 26, '95. Com. June 24, '96.

BROWN, PROVIDENCE, R.I. Acad. yr. beg. 3d Wed. Sept. Com. 3d Wed. June.

TRINITY, HARTFORD, CONN. 2 tms. 1st beg. Sept. 17, '95; 2d, Jan. 6, '96; 1st, Sept. 15, '96. Com. last Th. in June.

WESLEYAN UNIV., MIDDLETOWN, CT. Com. last Wed. June, 1896; vac. 13w. fm. Com., 10d. at Chris., 5d. in Spring.

YALE, NEW HAVEN, CONN. Com. last Wed. June; vac. of 13w. fm. Com. 1st tm. 12w., vac. 2½w.; 2d tm. till Com. with recess at Easter.

SCHOOL OF THE FINE ARTS (YALE UNIV.). Beg. Oct. 1 and ends June 1.

CLARK UNIV., WORCESTER, MASS. Tms. beg. Oct. 2, '95, Jan. 2, '96.

Theological Schools.

THEO. SEM., BANGOR, ME. (Or. Cong.) Anniver. 3d Wed. May; vac. 15w. fm. anniv. Ex. for entrance 1st Wed. Sept.

COBB DIVIN. SCHOOL OF BATES COLL., LEWISTON, ME. Beg. Jan. 1, closes May 23; begins Sept. 11; closes Dec. 22.

VT. EPISCO. INST., BURLINGTON, VT. Acad. yr. 35w. fm. Sept. 18.

THEO. SEM. (Or. Cong.) Andover, Mass. Yr. beg. Sept. 18, '95; an. June 11, '96.

BOSTON UNIVER. SCHOOL OF THEOL. (Method.) Year beg. Sept. 18, '95.

NEW CHURCH THEOL. SC., CAMBRIDGE, MASS. (Swedenborg.) Yr. beg. Sept. 26, '95; ends June 16, '96.

EPIS. THEO. SCHOOL AT CAMBRIDGE, MASS. Yr. beg. last Wed. in Sept.; ends 3d Wed. in June.

NEWTON THEO. INST., NEWTON CENTRE, MASS. (Bapt.) Ann. Th. after 1st Sun. in June. Vac. fm. ann. to 1st Tu. Sept., fm. Chris. to New Year's.

DIVINITY SCH. OF HARVARD UNIV. Year same as that of Harvard College.

TUFTS COLL. DIV. SCHOOL, TUFTS COLLEGE, MASS. (Universalist.) School year same as that of the College.

BERKELEY DIV. SCH. (Epis.) MIDDLETOWN, CT. Beg. Sept. 15-20; ends in June.

DIV. SCH. OF YALE UNIV., NEW HAVEN, CT. (Ortho. Cong.) Year beg. 4th Th. Sept.; closes 3d Wed. May.

HARTFORD THEOL. SEM., CONN. (Ortho. Cong.) Acad. yr. fm. 1st Wed. Oct. to 1st Th. June.

Medical Schools.

MED. SCH. OF ME., BOWDOIN COLL., BRUNSWICK, ME. Beg. Jan. 9, lasts 24w.

PORTLAND (ME.) SCH. FOR MED. INS. 2 terms, begins July and Oct.

MED. DEPT. DART. COLL., HANOVER, N.H. Lecture tm. begins middle July; cont. 20w. Recitation tm. beg. 2d Jan., cont. till June 20.

UNIV. OF VT., MED. DEP., BURLINGTON, VT. Beg. Jan. 16, ends July 6.

MED. SCH. OF HARVARD UNIVER., BOSTON. Yr. beg. Th. after last Wed. in Sept., ends last Wed. in June.

BOSTON UNIV. SCH. OF MED. (Homœo.). Open to both sexes. Beg. Oct. 10, '95.

MED. DEPART. OF YALE UNIV., NEW HAVEN, CONN. 1st Th. Oct., till Com., with vac. same as that of Yale College.

DENTAL SCH. HARV. UNIV., BOSTON. Begins and ends with College year.

BOSTON DENTAL COLLEGE, BOSTON. Year beg. 2d Mon. in Sept.; ends 3d Wed. in June.

Law Schools.

LAW SCH. OF HARVARD UNIV., CAMBRIDGE, MASS. Year same as College.

BOSTON UNIV. SCH. OF LAW. Beg. 1st Wed. Oct., ends 1st Wed. June.

YALE LAW SCH., N. HAVEN, CONN. Beg. Jan. 9 and Apr. 9; anniv. June 22.

Scientific and Agric. Schools.

MAINE STATE COLL., ORONO, ME. Tms. begin 1st Wed. in Sept. and Feb.

Com. next to last Wed. in June.

N. H. COLLEGE OF AGRIC. AND THE MECH. ARTS, DURHAM, N. H. Beg. Sept. 5, '95, Jan. 9, '96, and Mar. 27, '96.

THAYER SCH. OF CIVIL ENGIN. (connected with Dartmouth College), HANOVER, N.H. Yr. fm. Aug. 1 to May 1.

UNIV. OF VT., BURLINGTON, has courses in civil, mechanical, electrical, and sanitary engineering, and in agric.

MASS. AGRIC. COLLEGE, AMHERST, MASS. 3 terms. Terms beg. Sept. 5, '95, Jan. 2, '96, Apr. 2, '96.

MASS. COLL. PHARMACY, BOSTON, MASS. Year beg. Sept. 23, '95.

LAWRENCE SCIEN. SCHOOL (HARV. UNIV.), CAMBRIDGE, MASS. The year is the same as that of Harvard Coll.

THE BUSSEY INSTITUTION, JAMAICA PLAIN, MASS. (A school of Agriculture and Horticulture, in Harv. Univ.) Year same as that of Harvard College.

VETERINARY SCHOOL OF HARVARD UNIV. Year same as that of College.

MASS. INST. OF TECHNOLOGY, BOSTON. Acad. year begins Sept. 30, '95. Degrees conferred June 9, '96.

WORCESTER POLYTECH. INSTITUTE, WORC., MASS. Tms. fm. 2d Wed. Sept. to 3d Th. Dec., and fm. 1st Th. Jan. to last Th. in Mar., and from 2d Th. in Apr. to last Th. but one in June.

R.I. COLL. OF AGRIC. AND MECH. ARTS, KINGSTON, R.I. 3 tms. 1st beg. Jan. 2, '96. Com. July 1.

SHEFFIELD SCIEN. SCHOOL (YALE UNIV.), NEW HAVEN, CT. Terms same as those of Yale College.

CONN. AGRIC. COLL., STORRS, CONN. 3 terms. Beg. Sept. 16, '95, Jan. 1, '96, Apr. 6, '96. Com. June 19, '96.

Normal Schools.

STATE NORMAL SCH., CASTINE, ME. Terms beg. Mar. 10, Aug. 27, Dec. 10.

GORHAM NORMAL SCHOOL, GORHAM, ME. 2 tms. 19w. ea. Beg. in Jan. and Aug.

STATE NOR. SCH., FARMINGTON, ME. Beg. Mar. 17, Aug. 25, Dec. 8, '96.

STATE NORMAL SCH., PLYMOUTH, N.H. 2 tms. Beg. Sep. 3, '95, Feb. 4, '96.

STATE NOR. SCH., CASTLETON, VT. 2 ts. 20w. ea. Beg. 3d Tu. Jan., 3d Tu. Aug.

STATE NORMAL SCH., JOHNSON, VT. Tms. 20w. Beg. 1st Tu. Sept., 2d Tu. Feb.

STATE NORMAL SCH., RANDOLPH, VT. Tms. beg. 4th Tu. Aug., 1st Tu. Feb.

NORMAL SCHOOLS OF MASSACHUSETTS. The year is divided into 2 terms

of 20 weeks each, including a recess of 1 week near the middle of the term. Vac.

2 or 3 w. in winter, 9 or 10 w. in summer. Exam. for admission at Salem, June

25-26, and Sept. 8-9; at Westfield, June 25, and Sept. 8; at Bridgewater, June

25-26, and Sept. 8-9; at Framingham, June 25-26, and Sept. 8-9; at Worcester, June 25-26, and Sept. 8-9.

MASS. NORMAL ART SCHOOL. 2 tms. Beg. Oct. 1, '95, and Feb. 24, '96.

R. I. STATE NORMAL SCH., PROV., R. I. 2 tms. Spr. tm. beg. Feb. 5, closes June 19, '96. Fall tm. beg. 1st Wed. Sept.

STATE NORMAL SCH., NEW BRITAIN, CONN. 1st tm. beg. Sept. 3, '95.

MEETINGS OF FRIENDS IN NEW ENGLAND (1896).

The Yearly Meeting of Friends is held at Newport, R. I. Meeting on Ministry and Oversight, on 5th day, 6th m'th, 11th, at 9 A.M. For business, on 6th day, 12th, at 9 A.M. Public meetings for worship on First day. The Yearly Meet'g is composed of the Quarterly Meetings of R. Island, Salem, Sandwich, W. Falmouth, Smithfield, Vassalboro', Dover, Fairfield, and Parsonsfield, held as follows:—

Rhode Island: 1st fifth day, 2d mo., at Providence; 1st fifth day, 5th mo., at East Greenwich; 1st fifth day, 8th mo., at Newport, and 1st fifth day, 11th mo., at Fall River. *Salem*: 3d fifth day, 1st mo., at Salem; 4th fifth day, 5th mo., at Amesbury; 3d fifth day, 8th mo., at Lynn; 3d fifth day, 10th mo., at Weare. *Sandwich*: 2d fifth day in 1st and 4th mos., at New Bedford; 2d fifth day in 10th mo., at Sandwich, Mass.; 2d fifth day in 7th mo., at Falmouth. *Falmouth, Me.*: On seventh day following the last sixth day in 1st mo. at Lewiston; 5th mo. at Deering; 8th mo. at Durham; 10th

mo. at Windham. *Smithfield*: 2d fifth day, 2d mo., at Worcester; 2d fifth day, 5th mo., at Northbridge; 2d fifth day, 8th mo., at Bolton; 2d fifth day, 11th mo., at Smithfield. *Vassalboro'*: Seventh day after 2d sixth day, 2d and 11th mos., at East Vassalboro'; seventh day after last sixth day, 5th mo., at China; seventh day after 2d sixth day, 9th mo., at Vassalboro'. *Dover*: Seventh day after 1st fifth day, 1st mo., at No. Berwick; sev'th day after 3d fifth day, 4th mo., at Dover; 8th mo. at No. Berwick, and 10th mo. at Rochester. *Fairfield*: Seventh day after 1st sixth day, 2d mo., at Winthrop; sev'th day before last sixth day, 5th mo., at Manchester; seventh day after 1st sixth day, 9th mo., at Winthrop; seventh day after 1st sixth day, 11th mo., at Fairfield. *Parsonsfield*: Seventh day after 1st sixth day, 9th mo., and seventh day after 2d fifth day, 1st mo., at East Parsonsfield, Me; seventh day after 1st sixth day, 11th mo., and seventh day after 3d fifth day, 5th mo., No. Sandwich, N.H.

HOLIDAYS IN NEW ENGLAND.

The following days, in respect to the payment of notes, are legal holidays. On most of them courts, banks, etc., are closed. If the day falls on Sunday, the day following is usually kept as a holiday. Thanksgiving and Fast are appointed by state or national authority.

Maine.—Jan. 1, Feb. 22, May 30, July 4, 1st Mon. Sept., Christmas, Fast, and Thanksgiving. **New Hampshire**.—Feb. 22, May 30, July 4, 1st Mo. Sept., Christmas, Fast, Thanksgiving, and Election Day. **Vermont**.—Jan. 1, Feb. 22, May 30, July 4, Aug. 16 (Bennington-Battle Day), 1st Mo. Sept., Christmas, Fast, Thanksgiving. **Massachusetts**.—Feb. 22, Apr. 19, May 30, July 4, 1st Mo. Sept., Christmas, and Thanksgiving. **Rhode Island**.—Feb. 22, May 30, July 4, 1st Mon. Sept., Christmas, Thanksgiving, Election Days. **Connecticut**.—Jan. 1, Feb. 22, May 30, July 4, 1st Mo. Sept., Oct. 15 (Lincoln Day), Christmas, Fast, and Thanksgiving.

1896.]

JANUARY, FIRST MONTH.

ASTRONOMICAL CALCULATIONS.

☉'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
	1	23	S. 1	7	22	23	13	21	29	19	20	20	25	18	57
	2	22	55	8	22	15	14	21	18	20	20	7	26	18	42
	3	22	50	9	22	6	15	21	7	21	19	54	27	18	27
	4	22	44	10	21	58	16	20	56	22	19	40	28	18	11
	5	22	37	11	21	48	17	20	45	23	19	26	29	17	55
	6	22	30	12	21	39	18	20	32	24	19	12	30	17	39

☾ Last Quarter, 7th day, 10h. 25m., morning, W.

● New Moon, 14th day, 5h. 19m., evening, W.

☾ First Quarter, 22d day, 9h. 42m., evening, W.

○ Full Moon, 30th day, 3h. 55m. morning, W.

Day of Year.	Day of Month.	Day of Week.	☾ Rises.	☾ Sets.	Length of Days.	Day's Incr.	Sun. East.	Moon's Age.	Full Moon.	Sea. Boston.	☾'s Place.	☾ Rises.	☾ Souths.
			h. m.	h. m.	h. m.	h. m.	m.		h. m.	h. m.	Place.	h. m.	h. m.
1	1	W.	7 14	4 22	9 8	0	4 12	16	11 1/2	—	br.	5 15	0 10
2	2	Th.	7 14	4 23	9 9	0	5 11	17	0	0 1/4	h't	6 34	1 9
3	3	Fr.	7 14	4 24	9 10	0	6 11	18	0 3/4	1	h't	7 53	2 6
4	4	Sa.	7 14	4 25	9 11	0	7 11	19	1 1/2	2	bel.	9 10	2 58
5	5	S.	7 14	4 26	9 12	0	8 10	20	2 1/2	2 3/4	bel.	10 25	3 48
6	6	M.	7 14	4 27	9 13	0	9 10	21	3 1/4	3 3/4	rei.	11 40	4 36
7	7	Tu.	7 14	4 28	9 14	0	10 9	22	4 1/4	4 3/4	rei.	morn	5 24
8	8	W.	7 13	4 29	9 16	0	12 9	23	5 1/4	5 3/4	sec.	0 54	6 13
9	9	Th.	7 13	4 30	9 17	0	13 8	24	6	6 3/4	sec.	2 9	7 5
10	10	Fr.	7 13	4 31	9 18	0	14 8	25	7	7 3/4	thi.	3 24	7 59
11	11	Sa.	7 13	4 32	9 19	0	15 8	26	8	8 3/4	thi.	4 36	8 55
12	12	S.	7 12	4 33	9 21	0	17 7	27	9	9 3/4	thi.	5 41	9 53
13	13	M.	7 12	4 34	9 22	0	18 7	28	10	10 3/4	kn.	6 36	10 50
14	14	Tu.	7 12	4 36	9 24	0	20 6	29	10 3/4	11 1/2	kn.	sets	11 44
15	15	W.	7 11	4 37	9 26	0	22 6	1	11 1/2	—	legs	5 22	0 34
16	16	Th.	7 11	4 38	9 27	0	23 6	2	0 1/4	0 1/4	legs	6 29	1 21
17	17	Fr.	7 10	4 39	9 29	0	25 5	3	1	1	feet	7 33	2 4
18	18	Sa.	7 9	4 40	9 31	0	27 5	4	1 1/2	1 3/4	feet	8 35	2 44
19	19	S.	7 9	4 42	9 33	0	29 5	5	2 1/4	2 1/4	feet	9 35	3 24
20	20	M.	7 8	4 43	9 35	0	31 4	6	2 3/4	3	h'd	10 36	4 2
21	21	Tu.	7 8	4 44	9 36	0	32 4	7	3 1/2	3 3/4	h'd	11 38	4 42
22	22	W.	7 7	4 45	9 38	0	34 4	8	4 1/4	4 1/2	n'k	morn	5 24
23	23	Th.	7 6	4 47	9 41	0	37 4	9	5	5 1/4	n'k	0 42	6 9
24	24	Fr.	7 5	4 48	9 43	0	39 3	10	5 3/4	6 1/4	n'k	1 48	6 58
25	25	Sa.	7 5	4 49	9 44	0	40 3	11	6 3/4	7 1/4	arm	2 56	7 52
26	26	S.	7 4	4 50	9 46	0	42 3	12	7 3/4	8 1/4	arm	4 4	8 50
27	27	M.	7 3	4 52	9 49	0	45 3	13	8 1/2	9 1/4	br.	5 6	9 51
28	28	Tu.	7 2	4 53	9 51	0	47 3	14	9 1/2	10	br.	6 1	10 52
29	29	W.	7 1	4 54	9 53	0	49 2	15	10 1/4	10 3/4	h't	6 45	11 50
30	30	Th.	7 0	4 56	9 56	0	52 2	16	11 1/4	11 3/4	h't	rises	morn
31	31	Fr.	6 59	4 57	9 58	0	54 2	17	—	0	bel.	6 49	0 46

JANUARY hath 31 days.

[1896.



Chill airs and wintry winds! my ear
Has grown familiar with your song;
I hear it in the opening year,
I listen and it cheers me long.—LONGFELLOW.

D. M.	D. W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1 W.		Circumcision. ☉ in Perihel.	<p>TRY to enter upon the new year with a belief that your crops will be better the present year than they were last, and do faithfully your part to make them so. Do not imitate Mr. Shirker, who neglects properly to feed and cultivate his crops, and then lays all the blame on Him who sends the rain upon the just and the unjust. If you look around among the farmers during the growing season, you will find that those who are the most successful are those who have faith that the rain will come at the proper time, and believe that to have it do the most good they must exert themselves to have the ground in the proper condition to receive it. While it is a good plan to have faith in Providence, it is a bad plan to sit in the easy-chair and wait for Providence to pull the weeds and cultivate the soil among the garden crops.</p> <p>Have you formed your plans in the various work and operations of the farm this year? You may wish to make an experiment or two; some changes may be desirable. Now is a good time to study them over. Some improvements are always possible. We are always happier if we have such in mind. We should never be content to be always as we are.</p>
2 Th.		♀ gr. h. l. N., { 1st. Massachusetts legislature meets.	
3 Fr.		☾ in Perig. 2 ^d . ♂ ♄ ☾.	
4 Sa.		5 th . ♀ gr. hel. lat. S.	
5 E		2 ^d Sund. aft. Christmas.	
6 Mo.		Epiphany. 3 ^d . High tides.	
7 Tu.		Length of day about 9¼ h.	
8 W.		8th. Battle of New Orleans, 1815.	
9 Th.		♂ ♀ ☾. <i>Grows warmer.</i>	
10 Fr.		♂ ♄ ☾. Medium tides.	
11 Sa.		♂ ♀ ☾. 12 th . ♂ ♂ ☾.	<p>Have you formed your plans in the various work and operations of the farm this year? You may wish to make an experiment or two; some changes may be desirable. Now is a good time to study them over. Some improvements are always possible. We are always happier if we have such in mind. We should never be content to be always as we are.</p>
12 E		1st Sund. aft. Epiphany.	
13 Mo.		12 th . ☾ runs low. A	
14 Tu.		{ 13th. Prof. J. R. Seeley, of Cambridge Univ., Eng., died, 1895, aged 60.	
15 W.		17th. (8th. O. S.) Franklin born, 1706.	
16 Th.		♂ ♀ ☾. { 17th. Félix Faure elected president of France, 1895.	
17 Fr.		Medium tides. <i>snow</i>	
18 Sa.		19 th . ☾ in Apogee. <i>storm</i>	
19 E		2 ^d Sunday aft. Epiphany.	
20 Mo.		{ 24th. Lord Randolph Churchill, Eng. statesman, died, 1895, aged 46.	
21 Tu.		{ 21st. Legislature of Rhode Island meets at Providence.	<p>Have you formed your plans in the various work and operations of the farm this year? You may wish to make an experiment or two; some changes may be desirable. Now is a good time to study them over. Some improvements are always possible. We are always happier if we have such in mind. We should never be content to be always as we are.</p>
22 W.		{ 30th. Stmr. Elbe sunk in North Sea in a collision with another stmr., 1895; over 300 lives lost.	
23 Th.		♀ gr. elong. E.	
24 Fr.		♀ in ☾, ♂ ♄ ☾. L. tides.	
25 Sa.		Conversion of St. Paul. <i>may</i>	
26 E		3 ^d Sunday aft. Epiphany.	
27 Mo.		26 th . ♂ ♄ ☾: ☾ ru. high.	
28 Tu.		♀ in Perihelion. <i>be</i>	
29 W.		♂ ♄ ☾. <i>looked for.</i>	
30 Th.		♀ stationary. { 31st. Judge E. R. Hoar died, 1895, aged nearly 79.	
31 Fr.		☾ in Perigee.	

1896.]

FEBRUARY, SECOND MONTH.

ASTRONOMICAL CALCULATIONS.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	17	8	7	15	18	13	13	21	19	11	16	25	9	5
2	16	48	8	14	59	14	13	1	20	10	54	26	8	42
3	16	31	9	14	40	15	12	40	21	10	33	27	8	20
4	16	13	10	14	20	16	12	19	22	10	11	28	7	57
5	15	55	11	14	1	17	11	58	23	9	49	29	7	35
6	15	37	12	13	41	18	11	37	24	9	27			

- ☾ Last Quarter, 5th day, 7h. 38m., evening, E.
 ☉ New Moon, 13th day, 11h. 13m., morning, E.
 ☽ First Quarter, 21st day, 4h. 15m., evening, E.
 ○ Full Moon, 28th day, 2h. 51m., evening, E.

Day of the Year.	Day of Month.	Day of the Week.	☉		Length of Days.	Day's Incr.	☉	☉	Full Sea, Boston.	☽	☽	☽
			Rises.	Sets.								
32	1	Sa.	6 58	4 58	10 00	56	2 18	0 1/2	0 3/4	bel.	8 8	1 39
33	2	S.	6 57	4 59	10 20	58	2 19	1 1/4	1 3/4	rei.	9 25	2 30
34	3	M.	6 56	5 10	10 51	1	2 20	2 1/2	2 1/2	rei.	10 42	3 19
35	4	Tu.	6 55	5 21	10 71	3	2 21	3 3/4	3 1/4	sec.	11 59	4 9
36	5	W.	6 54	5 31	10 91	5	1 22	3 3/4	4 1/4	sec.	morn	5 1
37	6	Th.	6 53	5 51	10 121	8	1 23	4 3/4	5 1/4	thi.	1 15	5 55
38	7	Fr.	6 51	5 61	10 151	11	1 24	5 3/4	6 1/4	thi.	2 28	6 51
39	8	Sa.	6 50	5 71	10 171	13	1 25	6 3/4	7 1/2	thi.	3 35	7 48
40	9	S.	6 49	5 91	10 201	16	1 26	7 3/4	8 3/4	kn.	4 32	8 44
41	10	M.	6 48	5 101	10 221	18	1 27	8 3/4	9 1/2	kn.	5 19	9 39
42	11	Tu.	6 46	5 111	10 251	21	1 28	9 3/4	10 1/2	legs	5 57	10 30
43	12	W.	6 45	5 121	10 271	23	1 29	10 3/4	11 1/4	legs	6 26	11 17
44	13	Th.	6 44	5 141	10 301	26	1 30	11 1/4	11 3/4	legs	sets	0 1
45	14	Fr.	6 42	5 151	10 331	29	1 1	—	—	0 feet	6 25	0 42
46	15	Sa.	6 41	5 161	10 351	31	1 2	0 1/2	0 1/2	feet	7 26	1 21
47	16	S.	6 40	5 181	10 381	34	1 3	1 1/4	1 1/4	h'd	8 26	2 0
48	17	M.	6 38	5 191	10 411	37	1 4	1 1/2	1 1/2	h'd	9 28	2 39
49	18	Tu.	6 37	5 201	10 431	39	2 5	2 1/4	2 1/2	h'd	10 30	3 20
50	19	W.	6 35	5 211	10 461	42	2 6	2 3/4	3	n'k	11 35	4 3
51	20	Th.	6 34	5 231	10 491	45	2 7	3 1/2	3 3/4	n'k	morn	4 50
52	21	Fr.	6 32	5 241	10 521	48	2 8	4 1/4	4 3/4	arm	0 40	5 40
53	22	Sa.	6 31	5 251	10 541	50	2 9	5 1/4	5 1/2	arm	1 47	6 35
54	23	S.	6 29	5 261	10 571	53	2 10	6	6 3/4	br.	2 50	7 33
55	24	M.	6 28	5 281	11 01	56	2 11	7	7 3/4	br.	3 47	8 32
56	25	Tu.	6 26	5 291	11 31	59	2 12	8	8 3/4	br.	4 35	9 31
57	26	W.	6 24	5 301	11 62	2	3 13	9	9 1/2	h'rt	5 14	10 28
58	27	Th.	6 23	5 311	11 82	4	3 14	10	10 1/2	h'rt	5 46	11 23
59	28	Fr.	6 21	5 321	11 112	7	3 15	10 3/4	11 1/4	bel.	rises	morn
60	29	Sa.	6 20	5 341	11 142	10	3 16	11 3/4	—	bel.	6 59	0 15

The most favorable times for seeing Mercury in 1896 will be about Jan. 23, May 16, and Sept. 13. in the west after sunset; and March 5, July 3, and Oct. 24, in the east before sunrise.

FEBRUARY hath 29 days.

[1896.]



Now be the hours that yet remain to thee
 Stormy or sunny, sympathy and love,
 That inextinguishably dwell within
 Thy heart, shall give a beauty and a light
 To the most desolate moments, like the
 Glow of a bright fireside in the wildest day;
 And kindly words and offices of good
 Shall wait upon thy steps, as thou goest on. — BRYANT.

D. M.	D. W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Sa.	2 ^d . Puri. of V. Mary. H. tides.	EARLY lambs require warm quarters, with fresh air enough to keep them healthy. Provide them with a pen having an opening too small for the sheep to enter. In this feed them a little grain several times each day, and thus fit them for market early in the spring.
2	E	Septuagesima Sunday.	
3	Mo.	2 ^d . Candlemas Day. <i>Now</i>	
4	Tu.	{ 8 th - 12 th , 1895. Severest cold weather for 15 years prevailed over a large part of Western Europe.	
5	W.		
6	Th.	♂ ♀ ☾, ♂ ☿ ☾. <i>expect a</i>	If you expect a large flow of milk from your cows, you must shelter them from the cold winds and storms. Do not require them to drink water at the freezing point while standing in an atmosphere at zero; but have the water conducted into the barn or under a shed, where they can drink in a comfortable atmosphere.
7	Fr.	☐ ♀ ☾. 8 th . ☾ runs low.	
8	Sa.	♂ ♀ h. lat. N., ♂ ♀ ☾ inf.	
9	E	Sexagesima Sun. ♂ ♀ ☾.	
10	Mo.	♂ ☿ ☾, ♂ ♀ ☾. <i>cold storm</i>	
11	Tu.	{ 9 th . Com. Henry Bruce, oldest officer of U. S. navy, died, 1895, aged 97.	Window plants during cold weather should be watered with tepid water; and if a few drops of ammonia be put into each cup of water, it will make the plants grow all the better. If geraniums are expected to blossom before March, they should be put into not over five- or six-inch pots. While some plants in the sitting-room are very desirable, there should never be so many as to shut out the light and sunshine. Two or three pots of strawberry plants add variety to a collection of window plants, and are very attractive when the fruit is ripening. To have good plants, they should be potted in small pots in August, and re-potted in six-
12	W.	♂ ♀ ☾. 8 th . Low tides.	
13	Th.	☐ ☿ ☾, ann. ecl. ☾, invis.	
14	Fr.	St. Valentine. <i>of snow</i>	
15	Sa.	Medium tides. <i>or rain.</i>	
16	E	Shrove Sun. ☾ in Apog.	While some plants in the sitting-room are very desirable, there should never be so many as to shut out the light and sunshine. Two or three pots of strawberry plants add variety to a collection of window plants, and are very attractive when the fruit is ripening. To have good plants, they should be potted in small pots in August, and re-potted in six-
17	Mo.	{ 19 th . Gen. John L. Swift died, 1895, aged nearly 67.	
18	Tu.	Shrove Tuesday. <i>Blustering,</i>	
19	W.	Ash Wednesday. <i>followed</i>	
20	Th.	☿ stationary. <i>by</i>	
21	Fr.	{ 20 th . Frederick Douglass died, 1895, aged about 75.	August, and re-potted in six-inch pots before cold weather. Keep the runners off, and give plenty of water when the fruit is forming and ripening.
22	Sa.	WASHINGTON BORN, 1732.	
23	E	1 st Su. in L. ☾ runs high.	
24	Mo.	St. Matthias. ☿ stationary.	
25	Tu.	♂ ♀ ☾. 23 ^d . Low tides.	
26	W.	27 th . ☿ stat. <i>pleasanter</i>	
27	Th.	♂ stationary, ♀ in ☿.	
28	Fr.	☾ partly eclipsed, invis.	
29	Sa.	☾ in Perigee. <i>weather.</i>	

1896.]

MARCH, THIRD MONTH.

ASTRONOMICAL CALCULATIONS.

Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.
1	7S.12	7	4 53	13	2 31	19	0S. 9	25	2 13
2	6 49	8	4 29	14	2 8	20	0N.15	26	2 36
3	6 26	9	4 6	15	1 44	21	0 38	27	3 0
4	6 3	10	3 42	16	1 20	22	1 2	28	3 23
5	5 39	11	3 19	17	0 57	23	1 26	29	3 46
6	5 16	12	2 55	18	0 33	24	1 49	30	4 10

☾ Last Quarter, 6th day, 6h. 29m., morning, W.

● New Moon, 14th day, 5h. 48m., morning, E.

☽ First Quarter, 22d day, 6h. 57m., morning, E.

○ Full Moon, 29th day, 0h. 22m., morning, W.

Day of the Year.	Day of Month.	Day of Week.	☾ Rises.	☾ Sets.	Length of Days.	Day's Incr.	Sun. East.	Moon's Age.	Full Sea, Boston.	☽'s Place.	☽ Rises.	☽ Souths.
			h. m.	h. m.	h. m.	h. m.	m.		Morn. Even.		h. m.	h. m.
61	1	S.	6 18	5 35	11 17	2 13	3 17	0	0 $\frac{1}{2}$	rei.	8 19	1 7
62	2	M.	6 16	5 36	11 20	2 16	4 18	1	1 $\frac{1}{4}$	rei.	9 39	1 59
63	3	Tu.	6 15	5 38	11 23	2 19	4 19	1 $\frac{3}{4}$	2	sec.	10 59	2 52
64	4	W.	6 13	5 39	11 26	2 22	4 20	2 $\frac{1}{2}$	3	sec. morn	3 47	
65	5	Th.	6 12	5 40	11 28	2 24	4 21	3 $\frac{1}{2}$	4	thi.	0 16	4 44
66	6	Fr.	6 10	5 41	11 31	2 27	4 22	4 $\frac{1}{4}$	5	thi.	1 27	5 42
67	7	Sa.	6 8	5 42	11 34	2 30	5 23	5 $\frac{1}{4}$	6	kn.	2 28	6 40
68	8	M.	6 7	5 43	11 36	2 32	5 24	6 $\frac{1}{2}$	7 $\frac{1}{4}$	kn.	3 19	7 35
69	9	Tu.	6 5	5 44	11 39	2 35	5 25	7 $\frac{1}{2}$	8 $\frac{1}{4}$	legs	3 58	8 27
70	10	W.	6 3	5 46	11 43	2 39	6 26	8 $\frac{1}{2}$	9 $\frac{1}{4}$	legs	4 30	9 15
71	11	Th.	6 1	5 47	11 46	2 42	6 27	9 $\frac{1}{2}$	10	legs	4 55	9 59
72	12	Fr.	6 0	5 48	11 48	2 44	6 28	10 $\frac{1}{4}$	10 $\frac{3}{4}$	feet	5 16	10 41
73	13	Sa.	5 58	5 49	11 51	2 47	6 29	11	11 $\frac{1}{4}$	feet	5 35	11 21
74	14	M.	5 56	5 50	11 54	2 50	7 0	11 $\frac{1}{2}$	—	h'd sets	0 0	
75	15	Tu.	5 55	5 52	11 57	2 53	7 1	0	0 $\frac{1}{4}$	h'd	7 19	0 39
76	16	W.	5 53	5 53	12 0	2 56	7 2	0 $\frac{1}{2}$	0 $\frac{3}{4}$	h'd	8 21	1 19
77	17	Th.	5 51	5 54	12 3	2 59	7 3	1	1 $\frac{1}{4}$	n'k	9 25	2 1
78	18	Fr.	5 49	5 55	12 6	3 2	8 4	1 $\frac{1}{2}$	2	n'k	10 30	2 46
79	19	Sa.	5 48	5 56	12 8	3 4	8 5	2 $\frac{1}{4}$	2 $\frac{1}{2}$	arm	11 36	3 34
80	20	M.	5 46	5 57	12 11	3 7	8 6	2 $\frac{3}{4}$	3 $\frac{1}{4}$	arm morn	4 27	
81	21	Tu.	5 44	5 58	12 14	3 10	9 7	3 $\frac{3}{4}$	4 $\frac{1}{4}$	arm	0 38	5 22
82	22	W.	5 42	5 59	12 17	3 13	9 8	4 $\frac{1}{2}$	5 $\frac{1}{4}$	br.	1 37	6 19
83	23	Th.	5 41	6 1	12 20	3 16	9 9	5 $\frac{1}{2}$	6 $\frac{1}{4}$	br.	2 27	7 16
84	24	Fr.	5 39	6 2	12 23	3 19	10 10	6 $\frac{3}{4}$	7 $\frac{1}{4}$	h'rt	3 9	8 12
85	25	Sa.	5 37	6 3	12 26	3 22	10 11	7 $\frac{3}{4}$	8 $\frac{1}{4}$	h'rt	3 43	9 6
86	26	M.	5 35	6 4	12 29	3 25	10 12	8 $\frac{3}{4}$	9 $\frac{1}{4}$	bel.	4 11	9 59
87	27	Tu.	5 34	6 5	12 31	3 27	11 13	9 $\frac{1}{2}$	10	bel.	4 37	10 50
88	28	W.	5 32	6 6	12 34	3 30	11 14	10 $\frac{1}{4}$	10 $\frac{3}{4}$	rei.	5 1	11 42
89	29	Th.	5 30	6 7	12 37	3 33	11 15	11 $\frac{1}{4}$	11 $\frac{3}{4}$	rei. rises	morn	
90	30	Fr.	5 28	6 8	12 40	3 36	11 16	—	0 $\frac{1}{4}$	sec.	8 31	0 36
91	31	Sa.	5 27	6 10	12 43	3 39	12 17	0 $\frac{1}{2}$	1	sec.	9 52	1 32

MARCH hath 31 days.

[1896.]



Our little lives are kept in equipoise
 By opposite attractions and desires;
 The struggle of the instinct that enjoys,
 And the more noble instinct that aspires. — LONGFELLOW.

D.	M.	D.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.	
1	D	2d	Sun.	in Lent. St. David.	If it is desired to have hens lay during the last three months in the year, the chicks should be hatched the last of this month. To do this and be successful, the hens must be provided with a warm house, and be carefully looked after while sitting. The little chicks, while they should not be permitted to become chilled, should always be allowed to go out into the open air during the warmest part of the day. Do not feed them with fine meal; it often clogs in the crop and kills the chick. Feed them with cracked corn, shorts, millet, and some whole corn as soon as they are large enough to eat it, not forgetting to keep fine gravel and ground oyster shells by them all the time.	
2	Mo.	3	in 3.	High tides.		
3	Tu.			<i>Raw and</i>		
4	W.	♂ ♀ ☾, ♂ ☿ ☾.		<i>uncom-</i>		
5	Th.	☐ ☐ ☉, ☿ gr. elong. W.				
6	Fr.	☾ runs low.		<i>fortable</i>		
7	Sa.	{ 6th. Maj.-Gen. Sir. H. C. Rawlinson, As- syriologist, died, 1885, aged 88.				
8	D	3d	Sunday in Lent.			
9	Mo.	8th.	Low tides.	<i>weather.</i>		
10	Tu.	♂ ♂ ☾.		<i>Grows</i>		
11	W.	♂ ♀ ☾, ♂ ♀ ☾.		<i>milder.</i>	It is about time to start the hot-bed for tomato plants, early lettuce, radishes, cucumbers, beets, and peanuts. The farm implements should be looked over and repaired, so as to have them ready when spring opens. Success in farming depends very much on being ready to do everything at the right time; to be always two weeks behind time is to invite failure. As soon as the frost is out of the ground, the farm roads should be looked after and gravelled wherever it seems necessary. It pays to keep roads in good order, whether they are private or public; and the early spring is a good time to make repairs.	
12	Th.	☿ in Aphelion.		<i>Bleak</i>		
13	Fr.	14th.	Medium tides.	<i>and</i>		
14	Sa.	☾ in Apogee.		<i>chilling</i>		
15	D	4th	Sunday in Lent.			
16	Mo.		Day and night equal.			
17	Tu.		St. Patrick,	<i>easterly</i>		
18	W.			<i>winds.</i>		
19	Th.	☉ ent. ♀.	SPRING BEGINS.			
20	Fr.	{ 20th. Brig.-Gen. Adam Badeau died, '95, aged 64.				
21	Sa.	St. Benedict.	♂ ☐ ☾.	<i>Gener-</i>		
22	D	5th	Sun. in L.	Passion Sunday.		
23	Mo.	21st.	☾ runs high.	<i>ally</i>		
24	Tu.	♂ ♀ ☾, ♀ stationary.				
25	W.		Annunciation or Lady Day.			
26	Th.	22d.	Low tides.	<i>disa-</i>		
27	Fr.	{ 24th. H. W. Longfellow died, 1882, aged 75.				
28	Sa.	☾ in Perigee.		<i>greeable.</i>		
29	D		Palm Sunday.			
30	Mo.					
31	Tu.	♂ ♀ ☾.				

1896.]

APRIL, FOURTH MONTH.

ASTRONOMICAL CALCULATIONS.


Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	4N	56	7	7	12	13	9	25	19	11	31	25	13	31
2	5	19	8	7	35	14	9	46	20	11	52	26	13	50
3	5	42	9	7	57	15	10	8	21	12	12	27	14	9
4	6	5	10	8	19	16	10	29	22	12	32	28	14	28
5	6	27	11	8	41	17	10	50	23	12	52	29	14	46
6	6	50	12	9	3	18	11	11	24	13	12	30	15	5

☾ Last Quarter, 4th day, 7h. 24m., evening, E.

● New Moon, 12th day, 11h. 23m., evening, W.

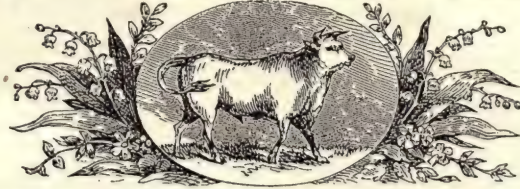
☾ First Quarter, 20th day, 5h. 47m., evening, E.

○ Full Moon, 27th day, 8h. 47m., morning, W.

Day of Year.	Day of Month.	Day of the Week.			Length of Days.	Day's Incr.	Sun Dist. m.	Moon's Age.	Full Sea,		☾'s Place.	☾		☾ Souths.					
			Rises.	Sets.					Morn.	Even.		Rises.	h.						
h.	m.	m.	h.	m.	h.	m.	h.	m.				h.	m.	h.					
92	1	W.	5	25	6	11	12	46	3	42	12	18	1 1/4	1 3/4	thi.	11	10	2	30
93	2	Th.	5	23	6	12	12	49	3	45	12	19	2 1/4	2 3/4	thi.	morn		3	30
94	3	Fr.	5	22	6	13	12	51	3	47	13	20	3	3 1/2	kn.	0	18	4	30
95	4	Sa.	5	20	6	14	12	54	3	50	13	21	4	4 1/2	kn.	1	14	5	22
96	5	S.	5	18	6	15	12	57	3	53	13	22	5	5 1/4	kn.	1	58	6	22
97	6	M.	5	16	6	16	13	0	3	56	14	23	6	6 3/4	legs	2	32	7	12
98	7	Tu.	5	15	6	18	13	3	3	59	14	24	7	7 1/4	legs	3	0	7	58
99	8	W.	5	13	6	19	13	6	4	2	14	25	8	8 1/2	feet	3	22	8	40
100	9	Th.	5	11	6	20	13	9	4	5	14	26	9	9 1/2	feet	3	42	9	20
101	10	Fr.	5	10	6	21	13	11	4	7	15	27	9 3/4	10 1/4	feet	4	0	9	59
102	11	Sa.	5	8	6	22	13	14	4	10	15	28	10 1/2	10 3/4	h'd	4	18	10	38
103	12	S.	5	6	6	23	13	17	4	13	15	●	11	11 1/4	h'd	sets		11	18
104	13	M.	5	5	6	24	13	19	4	15	15	1	11 3/4	11 3/4	n'k	7	17	0	0
105	14	Tu.	5	3	6	25	13	22	4	18	16	2	—	0 1/4	n'k	8	22	0	44
106	15	W.	5	2	6	27	13	25	4	21	16	3	0 1/2	0 1/2	n'k	9	28	1	32
107	16	Th.	5	0	6	28	13	28	4	24	16	4	1	1 1/2	arm	10	31	2	23
108	17	Fr.	4	58	6	29	13	31	4	27	16	5	1 3/4	2 1/4	arm	11	31	3	17
109	18	Sa.	4	57	6	30	13	33	4	29	17	6	2 1/2	3	br.	morn	4	12	
110	19	S.	4	55	6	31	13	36	4	32	17	7	3 1/4	3 3/4	br.	0	22	5	8
111	20	M.	4	54	6	32	13	38	4	34	17	8	4 1/4	4 1/4	h'rt	1	6	6	3
112	21	Tu.	4	52	6	33	13	41	4	37	17	9	5 1/4	5 3/4	h'rt	1	41	6	56
113	22	W.	4	51	6	34	13	43	4	39	17	10	6 1/4	6 3/4	h'rt	2	11	7	47
114	23	Th.	4	49	6	35	13	46	4	42	18	11	7 1/4	7 3/4	bel.	2	37	8	37
115	24	Fr.	4	48	6	37	13	49	4	45	18	12	8 1/4	8 3/4	bel.	3	1	9	28
116	25	Sa.	4	46	6	38	13	52	4	48	18	13	9 1/4	9 1/2	rei.	3	24	10	19
117	26	S.	4	45	6	39	13	54	4	50	18	14	10	10 1/2	rei.	3	52	11	13
118	27	M.	4	43	6	40	13	57	4	53	18	○	11	11 1/4	sec.	rises	morn		
119	28	Tu.	4	42	6	41	13	59	4	55	18	16	11 3/4	—	sec.	8	42	0	11
120	29	W.	4	40	6	42	14	2	4	58	19	17	0	0 1/2	thi.	9	57	1	12
121	30	Th.	4	39	6	43	14	4	5	0	19	18	1	1 1/2	thi.	11	1	2	14

APRIL hath 30 days.

[1896.]



Enjoy the spring of Love and Youth,
To some good angel leave the rest;
For Time will teach thee soon the truth,
There are no birds in last year's nest!—LONGFELLOW.

D. M.	D. W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1 W.		♂ ♀ ☾, ♀ in Aph. H. tides.	<p>THE early garden needs attention as soon as the frost is well out of the ground. Peas should be among the first vegetables to be planted. Select a warm, sunny location; follow with radishes, turnips, beets, onion-sets, and early corn. While early planted vegetables do not produce so large crops as later planted ones, they sell for higher prices, and those used in the family afford a higher pleasure, and lengthen the season of health-giving food. Not only every farmer, but every man who lives in the country and has a family, should strive to have an early garden.</p> <p>The late garden should be planted on land with a soil somewhat heavy, and located on a northern slope if possible. The farmer with plenty of land can make a better selection for an early and a late garden, than the mechanic whose half-acre of land around his house usually has a soil that varies but little in character. But if it is all heavy land he can plant his early crop on ridges; and if all light land, he can mulch and water his late crop, and thus make quite a difference between the early and late planting.</p> <p>See that the fences are all in good order. Do not wait until pasturing time, when business is so rushing that the work of repairing fences can be only half done, or perhaps not done at all, until the cattle go through them.</p>
2 Th.		1st. State election in Rhode Island.	
3 Fr.		Good Friday. ☾ runs low.	
4 Sa.		2d. ☿ gr. hel. lat. S.	
5 D.		Easter Sunday. Showery.	
6 Mo.		7th. Wordsworth born, 1770. High winds.	
7 Tu.		Low tides.	
8 W.		♂ ☿ ☾. Some rain	
9 Th.		9th. Lee surrendered to Grant, 1865.	
10 Fr.		☾ in Apogee, ♂ ♀ ☾.	
11 Sa.		and sleet.	
12 D.		Low Sunday. ♂ ♀ ☾.	
13 Mo.		§ 14th. Prof. James Dwight Dana, geologist, died, 1885, aged 82.	
14 Tu.		14th. Lincoln assassinated, 1865.	
15 W.		Medium tides. Becomes	
16 Th.		§ 16th. Treaty of peace between Japan and China signed, 1895.	
17 Fr.		♂ ♀ ☾, ♂ ♀ ☼ sup.	
18 Sa.		19th. PATRIOTS' DAY. { Battle of Lex., 1775.	
19 D.		2d Sunday after Easter.	
20 Mo.		♂ ♀ ☾. 18th. ☾ r. high.	
21 Tu.		☿ in ☿. 19th. ☼ ☼ ☼.	
22 W.		23d. Wordsworth died, 1850, aged 80.	
23 Th.		St. George. Medium tides.	
24 Fr.		♀ gr. hel. lat. S. warmer.	
25 Sa.		St. Mark. ☿ in Perihelion.	
26 D.		3d Sunday after Easter.	
27 Mo.		26th. ☾ in Perigee. Pleasant.	
28 Tu.		♂ ♀ ☾, ♂ ♀ ☾. ant.	
29 W.		High tides. Expect a storm.	
30 Th.		☾ runs low. 28th. Length of day abt. 14h.	

1896.]

MAY, FIFTH MONTH.

ASTRONOMICAL CALCULATIONS.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	15	N. 23	7	17	5	13	18	38	19	19	59	25	21	8
2	15	41	8	17	22	14	18	52	20	20	11	26	21	18
3	15	58	9	17	37	15	19	6	21	20	23	27	21	28
4	16	15	10	17	53	16	19	20	22	20	35	28	21	37
5	16	32	11	18	8	17	19	33	23	20	46	29	21	47
6	16	49	12	18	23	18	19	46	24	20	57	30	21	55

☾ Last Quarter, 4th day, 10h. 25m., morning, W.

● New Moon, 12th day, 2h. 47m., evening, W.

☽ First Quarter, 20th day, 1h. 21m., morning, W.

○ Full Moon, 26th day, 4h. 56m., evening, E.

Day of Year.	Day of Month.	Day of Week.	☾	Rises.	Sets.	Length of Days.	Day's Incr.	Sun's Age.	Moon's Age.	Full Sea, Boston.	☽'s Place.	☽'s Rises.	☽'s Souths.
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	Morn. Even.		h. m.	h. m.
122	1	Fr.	4	38	6 44	14	6 5	2	19	19	1 3/4	2 1/4	kn. 11 52 3 15
123	2	Sa.	4	37	6 45	14	8 5	4	19	20	2 3/4	3 1/4	kn. morn 4 12
124	3	S.	4	35	6 46	14	11 5	7	19	21	3 1/2	4 1/4	legs 0 31 5 5
125	4	M.	4	34	6 47	14	13 5	9	19	22	4 1/2	5 1/4	legs 1 1 5 53
126	5	Tu.	4	33	6 49	14	16 5	12	19	23	5 1/2	6 1/4	feet 1 26 6 38
127	6	W.	4	31	6 50	14	19 5	15	19	24	6 1/2	7 1/4	feet 1 46 7 19
128	7	Th.	4	30	6 51	14	21 5	17	19	25	7 1/2	8	feet 2 5 7 58
129	8	Fr.	4	29	6 52	14	23 5	19	19	26	8 1/4	8 3/4	h'd 2 23 8 37
130	9	Sa.	4	28	6 53	14	25 5	21	19	27	9 1/4	9 1/2	h'd 2 41 9 16
131	10	S.	4	27	6 54	14	27 5	23	19	28	10	10	n'k 3 0 9 58
132	11	M.	4	26	6 55	14	29 5	25	20	29	10 1/2	10 3/4	n'k 3 23 10 41
133	12	Tu.	4	25	6 56	14	31 5	27	20	●	11 1/4	11 1/4	n'k sets 11 28
134	13	W.	4	24	6 57	14	33 5	29	20	1	11 3/4	—	arm 8 24 0 18
135	14	Th.	4	23	6 58	14	35 5	31	20	2	0	0 1/2	arm 9 25 1 12
136	15	Fr.	4	22	6 59	14	37 5	33	20	3	0 1/2	1	br. 10 19 2 8
137	16	Sa.	4	21	7 0	14	39 5	35	20	4	1 1/4	1 3/4	br. 11 5 3 4
138	17	S.	4	20	7 1	14	41 5	37	19	5	2	2 1/2	br. 11 42 3 59
139	18	M.	4	19	7 2	14	43 5	39	19	6	3	3 1/2	h'rt morn 4 52
140	19	Tu.	4	18	7 3	14	45 5	41	19	7	3 3/4	4 1/2	h'rt 0 13 5 42
141	20	W.	4	17	7 4	14	47 5	43	19	8	4 3/4	5 1/4	bel. 0 40 6 31
142	21	Th.	4	16	7 5	14	49 5	45	19	9	5 3/4	6 1/4	bel. 1 3 7 19
143	22	Fr.	4	15	7 6	14	51 5	47	19	10	6 3/4	7 1/4	rei. 1 26 8 8
144	23	Sa.	4	15	7 7	14	52 5	48	19	11	7 3/4	8 1/4	rei. 1 49 9 0
145	24	S.	4	14	7 8	14	54 5	50	19	12	8 3/4	9 1/4	sec. 2 15 9 54
146	25	M.	4	13	7 9	14	56 5	52	19	13	9 3/4	10	sec. 2 46 10 53
147	26	Tu.	4	12	7 10	14	58 5	54	19	○	10 3/4	11	thi. rises 11 54
148	27	W.	4	12	7 11	14	59 5	55	19	15	11 1/2	11 3/4	thi. 8 42 morn
149	28	Th.	4	11	7 11	15	0 5	56	19	16	—	0 1/4	kn. 9 40 0 57
150	29	Fr.	4	11	7 12	15	1 5	57	18	17	0 1/2	1 1/4	kn. 10 25 1 57
151	30	Sa.	4	10	7 13	15	3 5	59	18	18	1 1/2	2	legs 11 0 2 54
152	31	S.	4	10	7 14	15	4 6	0	18	19	2 1/4	3	legs 11 26 3 45

MAY hath 31 days.

[1896.]



Ay! gloriously thou standest there,
 Beautiful, boundless firmament!
 That, swelling wide o'er earth and air,
 And round the horizon bent,
 With thy bright vault, and sapphire wall,
 Dost overhang and circle all. — BYRANT.

D.	M.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Fr.		St. Philip & St. James. H. tides.	This is the farmer's busy month — ploughing, planting, hoeing, and killing worms, bugs, and the whole tribe of biting insects which threaten to destroy his crops; but the farmer who has kept his work well up with the season has his fields all ploughed and planted at the proper time, and has now time enough to spare to declare war upon these destructive insects. The currant worm should be dusted with hel-lebore about the 12th of the month, when he will be found just hatched in the centre of the currant bush, on the few first leaves that appear. The tent caterpillar should also be destroyed as soon as he hatches and makes a nest large enough to be seen, by tying a rag round the end of a light pole, dipping it in kerosene, and drawing it through the nest. If you have neglected to prevent the mother canker-worm climbing the tree to deposit her eggs, wait until the worms are all hatched, and then spray the trees with paris green. The striped bug on the squash vines, drive away with air-slacked lime, or kill with paris green, and use the same material to kill the bugs on the potatoes. The black squash bug can be caught under shingles placed around the hills of squashes; and if you would kill the cut-worm get up early in the morning, when he will be found near the plant destroyed.
2	Sa.		{ 1st. A Kansas cyclone kills ten persons and injures twenty. 1895.	
3	D		4th Sunday after Easter.	
4	Mo.		Now we may	
5	Tu.		8 h ☉. have some	
6	W.		☿ gr. hel. lat. N.	
7	Th.		☿ ☿ ☿. Low tides.	
8	Fr.		☿ in Apogee. pleasant	
9	Sa.		{ 12th. Ex-Pres. J. H. Seelye of Amherst College, died, 1895, aged about 71.	
10	D		Rogation Sunday. days.	
11	Mo.		☿ ☿ ☿. Occasional	
12	Tu.		8 h ☉. light	
13	W.		14th. ☿ ☿ ☿; ☿ ☿ ☿.	
14	Th.		Ascension Day or Holy Thursday.	
15	Fr.		☿ ☿ ☿. ☿ runs high.	
16	Sa.		☿ gr. elong. E. showers.	
17	D		Sunday aft. Ascension.	
18	Mo.		☿ ☿ ☿. 16th. Med. tides.	
19	Tu.		☿ gr. hel. lat. S. Cooler	
20	W.		19th. Length of day, 14½h.	
21	Th.		{ 29th. Meeting of Legislature of Rhode Island, at Newport.	
22	Fr.		24th. Birth of Queen Victoria, 1819. and	
23	Sa.		{ 24th. Ex-Sec. Hugh McCulloch died, 1895, aged 85.	
24	D		Whit-Sun. ☿ in Perig.	
25	Mo.		☿ h ☿, ☿ h ☿. more rain.	
26	Tu.		High tides. Clear	
27	W.		{ 28th. Sec. W. Q. Gresham died, 1895, aged 63.	
28	Th.		☿ runs low. and warm.	
29	Fr.		☿ stationary, ☿ in ☿.	
30	Sa.		MEMORIAL DAY. { 30th. Hon. J. F. Andrew died, ag. nearly 45.	
31	D		Trinity Sunday.	

1896.]

JUNE, SIXTH MONTH.

ASTRONOMICAL CALCULATIONS.

Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.
1	22N.12	7	22 51	13	23 17	19	23 27	25	23 23
2	22 19	8	22 57	14	23 19	20	23 27	26	23 20
3	22 26	9	23 1	15	23 22	21	23 27	27	23 18
4	22 33	10	23 6	16	23 24	22	23 27	28	23 15
5	22 40	11	23 10	17	23 25	23	23 26	29	23 11
6	22 46	12	23 13	18	23 26	24	23 24	30	23 8

☾ Last Quarter, 3d day, 3h. 2m., morning, E.

● New Moon, 11th day, 3h. 43m., morning, E.

☾ First Quarter, 18th day, 6h. 41m., morning, E.

○ Full Moon, 25th day, 1h. 55m., morning, W.

Day of the Year.	Day of Month.	Day of Week.	Rises.	Sets.	Length of Days.	Day's Incr.	Sun Fast.	Moon's Age.	Full Sea, Boston.	☾'s Place.	☾'s Rises.	☾'s Souths.
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	Morn. Even.	Place.	h. m.	h. m.
153	1	M.	4 9 7	14 15	5 6	1 18	20	3 1/4	3 3/4	legs	11 50	4 32
154	2	Tu.	4 9 7	15 15	6 6	2 18	21	4	4 1/4	feet	morn	5 15
155	3	W.	4 9 7	16 15	7 6	3 18	22	5	5 1/2	feet	0 9	5 55
156	4	Th.	4 8 7	17 15	9 6	5 18	23	5 3/4	6 1/2	h'd	0 28	6 34
157	5	Fr.	4 8 7	18 15	10 6	6 17	24	6 3/4	7 1/4	h'd	0 46	7 14
158	6	Sa.	4 8 7	18 15	10 6	6 17	25	7 3/4	8	h'd	1 4	7 54
159	7	S.	4 7 7	19 15	12 6	8 17	26	8 3/4	8 3/4	n'k	1 26	8 36
160	8	M.	4 7 7	19 15	12 6	8 17	27	9 1/4	9 1/2	n'k	1 51	9 22
161	9	Tu.	4 7 7	20 15	13 6	9 17	28	10	10 1/4	arm	2 22	10 12
162	10	W.	4 7 7	21 15	14 6	10 16	29	10 3/4	10 3/4	arm	3 0	11 5
163	11	Th.	4 7 7	21 15	14 6	10 16	30	11 1/4	11 1/2	arm	sets	0 1
164	12	Fr.	4 7 7	22 15	15 6	11 16	1	—	0	br.	9 3	0 58
165	13	Sa.	4 7 7	22 15	15 6	11 16	2	0 1/4	0 3/4	br.	9 43	1 54
166	14	S.	4 7 7	23 15	16 6	12 16	3	1	1 1/2	h'rt	10 16	2 48
167	15	M.	4 7 7	23 15	16 6	12 15	4	1 3/4	2 1/4	h'rt	10 44	3 40
168	16	Tu.	4 7 7	23 15	16 6	12 15	5	2 1/2	3 1/4	bel.	11 8	4 29
169	17	W.	4 7 7	23 15	16 6	12 15	6	3 1/2	4	bel.	11 30	5 16
170	18	Th.	4 7 7	24 15	17 6	13 15	7	4 1/2	5	rei.	11 53	6 4
171	19	Fr.	4 7 7	24 15	17 6	13 14	8	5 1/2	6	rei.	morn	6 53
172	20	Sa.	4 7 7	24 15	17 6	13 14	9	6 1/2	7	sec.	0 17	7 45
173	21	S.	4 7 7	24 15	17	Dec. 14	10	7 1/2	8	sec.	0 45	8 40
174	22	M.	4 8 7	25 15	17 0	0 14	11	8 1/2	8 3/4	thi.	1 20	9 39
175	23	Tu.	4 8 7	25 15	17 0	0 14	12	9 1/2	9 3/4	thi.	2 2	10 41
176	24	W.	4 8 7	25 15	17 0	0 13	13	10 1/2	10 3/4	kn.	2 56	11 42
177	25	Th.	4 9 7	25 15	16 0	1 13	14	11 1/4	11 1/2	kn.	rises	morn
178	26	Fr.	4 9 7	25 15	16 0	1 13	15	—	0	kn.	8 55	0 40
179	27	Sa.	4 9 7	25 15	16 0	1 13	16	0 1/4	1	legs	9 26	1 34
180	28	S.	4 10 7	25 15	15 0	2 13	17	1	1 3/4	legs	9 51	2 23
181	29	M.	4 10 7	25 15	15 0	2 12	18	1 3/4	2 1/2	feet	10 12	3 8
182	30	Tu.	4 11 7	25 15	14 0	3 12	19	2 3/4	3 1/4	feet	10 32	3 50

JUNE hath 30 days.

[1896.]



Oh, what a glory doth this world put on
 For him who, with a fervent heart, goes forth
 Under the bright and glorious sky, and looks
 On duties well performed and days well spent!

LONGFELLOW.

M.	D.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Mo.		Nicomede. Medium tides.	<p>Now for the battle with the weeds which have been trying, all the spring, to get the mastery of the crops! If carrots, onions, beets, parsnips, cucumbers, beans, and corn would fight as hard for existence as do the weeds, what a beautiful garden some people would have! But alas! all the good things need protection or they will be conquered by the bad. No doubt this is best, for if it were not so how lazy we should be! The weeds that obstruct our progress urge us to activity, and spur us on to better things. Thus the farmer has all the time before him lessons in nature, which, if he looks at them in their proper light, will lead him to a higher atmosphere of thought.</p> <p>Corn for the silo should be planted early in the month, if it has not already been planted in May; it makes more nutritious ensilage than when planted later. Squashes, as a rule, should be planted before the middle of the month. The old strawberry bed should be ploughed as soon as the fruit is picked, and the land set with cabbage or some late crop. It is not wise to let it remain unploughed until autumn or the next spring, because it gives the weeds time to fill the land with seed. Stir the surface of the ground around cultivated crops during the hot, dry weather, to keep the earth moist.</p>
2	Tu.		2d. Garibaldi died, 1882, aged 74.	
3	W.		<i>Fine warm</i>	
4	Th.		Corpus Christi. <i>weather,</i>	
5	Fr.		☾ in Apogee, ☿ ☿ ☾.	
6	Sa.		Low tides. 7 th . ☿ ☿ ☾.	
7	D		1st Sunday after Trinity.	
8	Mo.		☿ in Aphelion. <i>with</i>	
9	Tu.		10 th . ☿ ☿ ☾ inf. <i>showers.</i>	
10	W.		☿ ☿ ☾, ☿ ☿ ☾. <i>Continues</i>	
11	Th.		St Barnabas. ☿ ☿ ☾. ☾ ru. hi.	
12	Fr.		☿ in Perihelion. <i>pleasant.</i>	
13	Sa.		14 th . Alonzo A. Miner, Universalist clergyman, died, 1895, aged 81.	
14	D		2d Sunday aft. Trinity.	
15	Mo.		☿ ☿ ☿, ☿ ☿ ☿. M. tides.	
16	Tu.		14 th . ☿ ☿ ☾, ☿ ☿ ☿. <i>Rain.</i>	
17	W.		17 th . Battle of Bunker Hill, 1775.	
18	Th.		18 th -24 th . LONGEST DAYS in the year, about 15½ hours.	
19	Fr.		☿ in ☿. 20 th . ☾ in Perig.	
20	Sa.		☾ ent. ☾. SUMMER BEGINS.	
21	D		3d Sun. aft. Trin. ☿ ☿ ☾.	
22	Mo.		☿ ☿ ☾, ☿ stationary.	
23	Tu.		20 th . Accession of Queen Victoria, 1837.	
24	W.		St John Baptist. ☾ runs low.	
25	Th.		1895. Prof. Daniel Cady Eaton, botanist, died, 1895, aged nearly 61.	
26	Fr.		29 th . ☿ gr. hel. lat. S.	
27	Sa.		High tides. 29 th . T. H. Huxley died, 1895, aged 70.	
28	D		4th Sunday after Trinity.	
29	Mo.		St. Peter and St. Paul. <i>Pleasant.</i>	
30	Tu.		☿ ☿ ☿. <i>Quite warm.</i>	

1896.]

JULY, SEVENTH MONTH.

ASTRONOMICAL CALCULATIONS.

Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.
1	23N. 3	7	22 30	13	21 42	19	20 41	25	19 28
2	22 59	8	22 23	14	21 33	20	20 30	26	19 14
3	22 54	9	22 15	15	21 23	21	20 18	27	19 1
4	22 40	10	22 8	16	21 13	22	20 6	28	18 46
5	22 43	11	21 59	17	21 3	23	19 53	29	18 32
6	22 36	12	21 51	18	20 52	24	19 41	30	18 17

☾ Last Quarter, 2d day, 8h. 23m., evening, E.

● New Moon, 10th day, 2h. 35m., evening, W.

☽ First Quarter, 17th day, 11h. 4m., morning, E.

☾ Full Moon, 24th day, 0h. 45m., evening, E.

Day of the Year.	Day of the Month.	Day of the Week.	☾	Rises.	Sets.	Length of Days.	Day's Decr.	☾	☾	Full Sea, Boston.	☾	☾	☾
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	Morn. Even.	Place.	Rises.	South.
183	1	W.	4 11 7 25	15 14 0	3 12 20	3 1/2	4	feet	10 50	4 30			
184	2	Th.	4 12 7 24	15 12 0	5 12 21	4 1/4	4 3/4	h'd	11 8	5 10			
185	3	Fr.	4 13 7 24	15 11 0	6 12 22	5	5 1/2	h'd	11 28	5 49			
186	4	Sa.	4 13 7 24	15 11 0	6 11 23	6	6 1/2	n'k	11 51	6 31			
187	5	S.	4 14 7 23	15 9 0	8 11 24	6 3/4	7 1/4	n'k	morn	7 15			
188	6	M.	4 15 7 23	15 8 0	9 11 25	7 1/4	8	n'k	0 19	8 3			
189	7	Tu.	4 15 7 23	15 8 0	9 11 26	8 1/2	8 3/4	arm	0 54	8 54			
190	8	W.	4 16 7 22	15 6 0	11 11 27	9 1/4	9 3/4	arm	1 38	9 49			
191	9	Th.	4 17 7 22	15 5 0	12 11 28	10 1/4	10 3/4	br.	2 34	10 47			
192	10	Fr.	4 18 7 22	15 4 0	13 10	11	11 1/4	br.	sets	11 45			
193	11	Sa.	4 18 7 21	15 3 0	14 10	11 3/4	—	h'rt	8 17	0 41			
194	12	S.	4 19 7 21	15 2 0	15 10	2	0	h'rt	8 46	1 34			
195	13	M.	4 20 7 20	15 0 0	17 10	3	0 3/4	bel.	9 12	2 25			
196	14	Tu.	4 21 7 19	14 58 0	19 10	4	1 1/2	bel.	9 35	3 14			
197	15	W.	4 22 7 19	14 57 0	20 10	5	2 1/4	rei.	9 57	4 2			
198	16	Th.	4 22 7 18	14 56 0	21 10	6	3 1/4	rei.	10 21	4 51			
199	17	Fr.	4 23 7 17	14 54 0	23 10	7	4	sec.	10 48	5 41			
200	18	Sa.	4 24 7 17	14 53 0	24 10	8	5	sec.	11 19	6 35			
201	19	S.	4 25 7 16	14 51 0	26 10	9	6	sec.	11 58	7 31			
202	20	M.	4 26 7 15	14 49 0	28 10	10	7 1/4	thi.	morn	8 30			
203	21	Tu.	4 27 7 14	14 47 0	30 9	11	8 1/4	thi.	0 47	9 30			
204	22	W.	4 28 7 13	14 45 0	32 9	12	9 1/4	kn.	1 46	10 29			
205	23	Th.	4 29 7 12	14 43 0	34 9	13	10 1/4	kn.	2 52	11 24			
206	24	Fr.	4 30 7 11	14 41 0	36 9	14	11 1/4	legs	rises	morn			
207	25	Sa.	4 31 7 10	14 39 0	38 9	15	11 3/4	legs	7 53	0 15			
208	26	S.	4 32 7 10	14 38 0	39 9	16	0	feet	8 16	1 2			
209	27	M.	4 33 7 9	14 36 0	41 9	17	0 3/4	feet	8 35	1 45			
210	28	Tu.	4 34 7 8	14 34 0	43 9	18	1 1/4	feet	8 54	2 26			
211	29	W.	4 35 7 6	14 31 0	46 9	19	2 1/4	h'd	9 11	3 6			
212	30	Th.	4 36 7 5	14 29 0	48 10	20	2 3/4	h'd	9 31	3 45			
213	31	Fr.	4 37 7 4	14 27 0	50 10	21	3 1/2	n'k.	9 53	4 26			

JULY hath 31 days.

[1896.]



Honor waits o'er all the earth,
Through endless generations,
The art that calls her harvests forth,
And feeds the expectant nations. — BYRANT.

D. M.	D. W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	W.	4 th . Low tides. <i>Weather</i>	OUR fathers were often seen swinging the scythe before sunrise, but our boys find that they gain nothing by cutting the grass before the dew is off. With the horse-mower, tedder, and rake, the grass is cut, dried, and raked into windrows, while the boys ride simply to guide the horse. What a change from the method of our grandfathers! While they had to work hard from early morn until late at night, cutting, tending, and raking the hay by hard muscular labor, we need to be in the field but a few hours each day to accomplish three times as much work, doing it much better, and, what is still more important, we save our strength by making the horse do all the hard work. The farmer has no excuse for letting the weeds grow in July, for improved implements enable him to get his hay so quickly that plenty of time is left to look after the hoed crops. All crops that do not cover the ground should be cultivated or hoed often enough not only to keep the weeds down, but to keep the top of the ground well mulched with pulverized earth. As fast as the early crops in the garden are gathered, plough or spade up the land for late ones, and thus prevent a crop of weed seeds ripening. Look after the water in the cow pasture as the dry weather approaches.
2	Th.	☾ in apogee. <i>continues</i>	
3	Fr.	☉ in Aph., ☿ gr. el. W.	
4	Sa.	INDEPEND. DAY. ☿ ☿ ☾.	
5	D	5 th Sunday after Trinity.	
6	Mo.	5 th . Sir Austen Henry Layard, English archaeologist, died, 1894, aged 77.	
7	Tu.	8 th . ☾ runs high. <i>pleasant.</i>	
8	W.	☿ ☿ ☾, ☿ ☿ ☾. <i>Fine</i>	
9	Th.	☿ ☿ ☾ sup. <i>growing</i>	
10	Fr.	☿ ☿ ☾. <i>time.</i>	
11	Sa.	12 th . ☿ ☿ ☾. <i>Some</i>	
12	D	6 th Sunday aft. Trinity.	
13	Mo.	H. tides. Length of day 15h.	
14	Tu.	12 th -15 th . Christian Endeavor convention in Boston, 1895.	
15	W.	St. Swithin. ☾ in Perigee.	
16	Th.	☿ stationary. <i>rain.</i>	
17	Fr.	19 th . Medium tides. <i>Hot</i>	
18	Sa.	☿ in ☿, ☿ ☿ ☾. <i>and</i>	
19	D	7 th Sunday aft. Trinity.	
20	Mo.	St. Margaret. 19 th . ☿ ☿ ☾.	
21	Tu.	☾ runs low. <i>dry.</i>	
22	W.	St. Mary Magdalene. ☿ in Perih.	
23	Th.	☿ in Perihelion. <i>Close</i>	
24	Fr.	22 ^d . Alexander H. Rice, Ex-Gov. of Mass., died, 1895, aged nearly 77.	
25	Sa.	St. James. DOG DAYS BEGIN.	
26	D	8 th Sun. aft. Trin. St. Anne.	
27	Mo	26 th . High tides. <i>and</i>	
28	Tu.	☿ stationary. <i>uncom-</i>	
29	W.	27 th . War was declared between Japan and China, 1894.	
30	Th.	☾ in Apogee. <i>fortable.</i>	
31	Fr.	☿ ☿ ☾ sup. <i>A shower.</i>	

1896.]

AUGUST, EIGHTH MONTH.

ASTRONOMICAL CALCULATIONS.

Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.
1	17N.47	7	16 10	13	14 23	19	12 28	25	10 26
2	17 32	8	15 53	14	14 4	20	12 8	26	10 5
3	17 16	9	15 35	15	13 46	21	11 48	27	9 44
4	17 0	10	15 18	16	13 27	22	11 28	28	9 23
5	16 43	11	15 0	17	13 7	23	11 7	29	9 1
6	16 27	12	14 41	18	12 48	24	10 47	30	8 40

- ☾ Last Quarter, 1st day, 1h. 34m., evening, W.
 ● New Moon, 9th day, 0h. 2m., morning, E.
 ☽ First Quarter, 15th day, 4h. 2m., evening, E.
 ○ Full Moon, 23d day, 2h. 4m., morning, W.
 ☾ Last Quarter, 31st day, 5h. 55m., morning, W.

Day of the Year.	Day of Month.	Day of Week.	Rises.	Sets.	Length of Days.	Day's Deer.	Sun East.	Moon's Age.	Full Sea, Boston.	D's Place.	D's Rises.	D's Souths.
			h. m.	h. m.	h. m.	h. m.	m.	h.	Morn. Even.	h.	h. m.	h. m.
214	1	Sa.	4 38 7	3 14 25	0 52	10 22	4 1/4	4 3/4	n'k	10 18	5 8	
215	2	S.	4 39 7	2 14 23	0 54	10 23	5	5 1/2	n'k	10 50	5 54	
216	3	M.	4 40 7	1 14 21	0 56	10 24	6	6 1/2	erm	11 29	6 43	
217	4	Tu.	4 41 6	59 14 18	0 59	10 25	7	7 1/4	arm	morn	7 36	
218	5	W.	4 42 6	58 14 16	1 1	10 26	8	8 1/4	br.	0 19	8 32	
219	6	Th.	4 43 6	57 14 14	1 3	10 27	8 3/4	9 1/4	br.	1 20	9 30	
220	7	Fr.	4 44 6	56 14 12	1 5	10 28	9 3/4	10	br.	2 30	10 27	
221	8	Sa.	4 45 6	54 14 9	1 8	10 29	10 1/2	10 3/4	h'rt	3 46	11 23	
222	9	S.	4 46 6	53 14 7	1 10	11	●	11 1/4	h'rt	sets	0 16	
223	10	M.	4 47 6	52 14 5	1 12	11	1	—	0	bel.	7 38	1 7
224	11	Tu.	4 48 6	50 14 2	1 15	11	2	0 1/2	0 3/4	bel.	8 2	1 57
225	12	W.	4 49 6	49 14 0	1 17	11	3	1 1/4	1 3/4	rei.	8 25	2 46
226	13	Th.	4 50 6	47 13 57	1 20	11	4	2	2 1/2	rei.	8 51	3 37
227	14	Fr.	4 51 6	46 13 55	1 22	11	5	2 3/4	3 1/4	sec.	9 21	4 31
228	15	Sa.	4 52 6	44 13 52	1 25	12	6	3 3/4	4 1/4	sec.	9 58	5 27
229	16	S.	4 53 6	43 13 50	1 27	12	7	4 3/4	5 1/4	thi.	10 43	6 25
230	17	M.	4 54 6	42 13 48	1 29	12	8	5 3/4	6 1/4	thi.	11 38	7 24
231	18	Tu.	4 55 6	40 13 45	1 32	12	9	7	7 1/4	kn.	morn	8 23
232	19	W.	4 57 6	39 13 42	1 35	12	10	8	8 1/4	kn.	0 42	9 18
233	20	Th.	4 58 6	37 13 39	1 38	13	11	9	9 1/4	legs	1 50	10 10
234	21	Fr.	4 59 6	35 13 36	1 41	13	12	10	10 1/4	legs	3 0	10 57
235	22	Sa.	5 0 6	34 13 34	1 43	13	13	10 3/4	11	legs	4 8	11 41
236	23	S.	5 1 6	32 13 31	1 46	13	○	11 1/2	11 3/4	feet	rises	morn
237	24	M.	5 2 6	31 13 29	1 48	14	15	—	0 1/4	feet	6 59	0 23
238	25	Tu.	5 3 6	29 13 26	1 51	14	16	0 1/2	0 3/4	h'd	7 17	1 3
239	26	W.	5 4 6	27 13 23	1 54	14	17	1	1 1/4	h'd	7 36	1 42
240	27	Th.	5 5 6	26 13 21	1 56	15	18	1 3/4	2	h'd	7 56	2 22
241	28	Fr.	5 6 6	24 13 18	1 59	15	19	2 1/4	2 1/2	n'k	8 20	3 4
242	29	Sa.	5 7 6	23 13 16	2 1	15	20	3	3 1/4	n'k	8 49	3 48
243	30	S.	5 8 6	21 13 13	2 4	15	21	3 1/2	4	arm	9 24	4 35
244	31	M.	5 9 6	19 13 10	2 7	16	22	4 1/2	4 3/4	arm	10 9	5 26

AUGUST hath 31 days.

[1896.]



In the country, on every side,
Where far and wide,
Like a leopard's tawny and spotted hide
Stretches the plain,
To the dry grass and the drier grain
How welcome is the rain! — LONGFELLOW.

D.	M.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Sa.		Lammas Day. 2 ^d . ♀ ♀ ♀.	<p>THE late garden should not be neglected this month. The earth should be frequently stirred around the growing crops to prevent it from forming a hard crust; and the weeds in both the early and the late garden should be destroyed before they get large enough to injure the crop. Thorough and clean culture is the watchword of the successful farmer and gardener.</p> <p>Look over the fences around the pastures, and mend the weak places before the cattle break through and find their way into the cornfield of your neighbor. If the springs are low, clean them out, that the cattle may have plenty of good water. Do not use your wagons with loose tires, but as soon as there is any indication of the joints opening in the wheels have the tires set. Never try to keep them tight by soaking the wheels in water, unless you desire to use them up as fast as possible. Keep your hens yarded on your own premises; it is not only wrong to let them scratch up your neighbor's garden, but is very poor policy. If your cat kills chickens, kill her, or raise chickens enough for her to eat to keep her from killing those of your neighbor; and if you own a dog, keep him at home, and not compel your neighbor to fence him out, that he may save his poultry from being destroyed and the flower-garden from being dug up or defiled.</p>
2	D		9th Sun. aft. Tr. L. tides.	
3	Mo.		2 ^d . ♀ gr. h. l. N., ♂ ♂ C.	
4	Tu.		☐ ♀ ☉, ♂ ♀ C. Hot.	
5	W.		♂ ♀ ♀. C runs high.	
6	Th.		Transfiguration. 9th. H. tides.	
7	Fr.		8th. Judge H. E. Jackson d. 1895, aged 83.	
8	Sa.		♂ ♀ ♀, ☉ eclipsed, invis.	
9	D		10th Sun. aft. Tr. ♂ ♀ C.	
10	Mo.		St. Lawrence. 9th. ♂ ♀ C.	
11	Tu.		C in Perig. 9th. ♂ ♀ C.	
12	W.		♂ ♀ ☉, ☐ ♀ ☉. Favorable	
13	Th.		16th. Medium tides. for	
14	Fr.		♀ gr. hel. lat. N. local	
15	Sa.		Assumption of Virgin Mary.	
16	D		11th Sunday aft. Trinity.	
17	Mo.		C runs low. showers,	
18	Tu.		15th. ♂ ♀ C, ♂ ♀ C.	
19	W.		16th. BENNINGTON-BATTLE DAY.	
20	Th.		with thunder	
21	Fr.		23 ^d . C partly eclipsed,	
22	Sa.		visible. and lightning.	
23	D		12th Sunday aft. Trinity.	
24	Mo.		St. Bartholomew. Med. tides.	
25	Tu.		♀ in ☉. Changeable.	
26	W.		27th. 26th Triennial Conclave of Knights Templars in Boston, 1895.	
27	Th.		C in Apogee. Look out	
28	Fr.		St. Augustine. for a storm.	
29	Sa.		Beheading of St. John Baptist.	
30	D		13th Sunday aft. Trinity.	
31	Mo.		♂ ♂ C. Low tides.	

1896.] SEPTEMBER, NINTH MONTH.

ASTRONOMICAL CALCULATIONS.

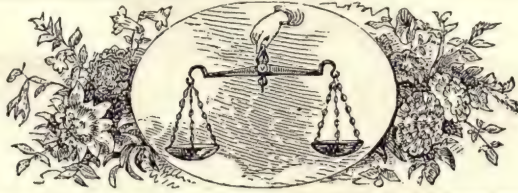
Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.	Days.	d. m.
1	7N.56	7	5 42	13	3 25	19	1 6	25	1 14		
2	7 34	8	5 20	14	3 2	20	0 43	26	1 38		
3	7 12	9	4 57	15	2 39	21	0N.19	27	2 1		
4	6 50	10	4 34	16	2 16	22	0S. 4	28	2 24		
5	6 27	11	4 11	17	1 53	23	0 27	29	2 48		
6	6 5	12	3 48	18	1 29	24	0 51	30	3 11		

- New Moon, 7th day, 8h. 43m., morning, E.
 ☾ First Quarter, 13th day, 11h. 10m., evening, W.
 ○ Full Moon, 21st day, 5h. 49m., evening, E.
 ☾ Last Quarter, 29th day, 8h. 58m., evening, E.

Day of the Year.	Day of Month.	Day of Week.	☉	Rises.	Sets.	Length of Days.	Day's Decr.	☽	Full Sea, Boston.	☽'s Place.	☽	☽
				h. m.	h. m.	h. m.	h. m.		Morn. Even.		Rises.	Souths.
245	1	Tu.	☉	5 10	6 17	13 7	2 10	16 23	5 1 5 3	arm	11 4	6 20
246	2	W.	☉	5 12	6 16	13 4	2 13	16 24	6 1 6 3	br.	morn	7 15
247	3	Th.	☉	5 13	6 14	13 1	2 16	17 25	7 1 7 3	br.	0 8	8 12
248	4	Fr.	☉	5 14	6 12	12 58	2 19	17 26	8 1 8 3	h't	1 21	9 7
249	5	Sa.	☉	5 15	6 10	12 55	2 22	17 27	9 1 9 3	h't	2 37	10 1
250	6	S.	☉	5 16	6 9	12 53	2 24	18 28	10 1 10 3	bel.	3 55	10 54
251	7	M.	☉	5 17	6 7	12 50	2 27	18 28	10 3 11 1	bel.	sets	11 45
252	8	Tu.	☉	5 18	6 5	12 47	2 30	18 1	11 1 11 3	rei.	6 27	0 36
253	9	W.	☉	5 19	6 4	12 45	2 32	19 2	0 1 0 3	rei.	6 52	1 28
254	10	Th.	☉	5 20	6 2	12 42	2 35	19 3	0 3 1 1	sec.	7 22	2 22
255	11	Fr.	☉	5 21	6 0	12 39	2 38	19 4	1 3 2	sec.	7 57	3 19
256	12	Sa.	☉	5 22	5 58	12 36	2 41	20 5	2 3 2 3	thi.	8 40	4 18
257	13	S.	☉	5 23	5 57	12 34	2 43	20 6	3 3 3 3	thi.	9 33	5 18
258	14	M.	☉	5 24	5 55	12 31	2 46	20 7	4 3 4 3	kn.	10 35	6 18
259	15	Tu.	☉	5 25	5 53	12 28	2 49	21 8	5 3 5 3	kn.	11 42	7 14
260	16	W.	☉	5 26	5 51	12 25	2 52	21 9	6 3 6 3	kn.	morn	8 7
261	17	Th.	☉	5 27	5 49	12 22	2 55	22 10	7 3 7 3	legs	0 51	8 55
262	18	Fr.	☉	5 28	5 48	12 20	2 57	22 11	8 3 8 3	legs	1 59	9 39
263	19	Sa.	☉	5 29	5 46	12 17	3 0	22 12	9 3 9 3	feet	3 4	10 21
264	20	S.	☉	5 30	5 44	12 14	3 3	23 13	10 3 10 3	feet	4 8	11 1
265	21	M.	☉	5 32	5 43	12 11	3 6	23 11	11 3 11 3	h'd	rises	11 41
266	22	Tu.	☉	5 33	5 41	12 8	3 9	23 15	11 3 11 3	h'd	5 42	morn
267	23	W.	☉	5 34	5 39	12 5	3 12	24 16	0 3 0 3	h'd	6 2	0 21
268	24	Th.	☉	5 35	5 37	12 3	3 15	24 17	0 3 0 3	n'k	6 25	1 2
269	25	Fr.	☉	5 36	5 35	11 59	3 18	24 18	1 3 1 3	n'k	6 51	1 45
270	26	Sa.	☉	5 37	5 34	11 57	3 20	25 19	1 3 2	n'k	7 24	2 31
271	27	S.	☉	5 38	5 32	11 54	3 23	25 20	2 3 2 3	arm	8 4	3 20
272	28	M.	☉	5 39	5 30	11 51	3 26	25 21	3 3 3 3	arm	8 53	4 11
273	29	Tu.	☉	5 40	5 28	11 48	3 29	26 22	3 3 4 3	br.	9 53	5 5
274	30	W.	☉	5 41	5 27	11 46	3 31	26 23	4 3 4 3	br.	11 0	6 0

SEPTEMBER hath 30 days.

[1896.]



Be still, sad heart! and cease repining;
 Behind the clouds is the sun still shining;
 Thy fate is the common fate of all,
 Into each life some rain must fall,
 Some days must be dark and dreary. — LONGFELLOW.

P. M.	D. W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1 Tu.		♂ ♀ ☾, ☐ ♂ ☾, ☾ r. high.	<p>BECAUSE John is to stay at the old homestead and become a farmer, is it wise to stop his education at the high school, while the other boys are sent to college? Our fathers might have thought so; but the intelligent, wide-awake farmer of to-day understands that it is quite as important for the farmer to have an education adapted to his business, as for the minister, doctor, or lawyer to have one adapted to his calling. There are few, if any, professions that require a greater variety of information, or that lead into channels of deeper thought, than that of agriculture. The breeding and feeding of cattle, the propagation and feeding of plants, open to the most highly educated fields of investigation that are inexhaustible, and are every year furnishing new and important discoveries.</p> <p>Give your sons who are to become farmers an education adapted to their chosen occupation. There are plenty of agricultural schools where they can take a one, two, or a four years' course; either of these will be of great benefit to them.</p> <p>Now is the time to drain the old meadow, which for several generations has been producing hay but little better than bedding, and so wet that you and your ancestors have had to mow it by hand. When you get it properly drained turn it over, and the next spring sow it down to redtop and timothy.</p>
2 W.		1st. State election in Vermont.	
3 Th.		{ 1st. Gen. Nathaniel P. Banks died, 1894, aged 78.	
4 Fr.		♂ in Aph. 2 ^d . L. tides.	
5 Sa.		DOG DAYS END. 6 th . ♂ ♀ ☾.	
6 D.		14 th Sunday aft. Trinity.	
7 Mo.		LABOR DAY. <i>Bright</i>	
8 Tu.		Nativ. of V. Mary. ☾ in Perig.	
9 W.		♂ ♀ ☾. 8 th . ♂ ♀ ☾. and	
10 Th.		{ 8 th . Prof. H. L. F. von Helmholtz, German physicist, died, 1894, aged 73.	
11 Fr.		♂ ♀ ☾, ♂ ☾ ☾.	<p>Give your sons who are to become farmers an education adapted to their chosen occupation. There are plenty of agricultural schools where they can take a one, two, or a four years' course; either of these will be of great benefit to them.</p> <p>Now is the time to drain the old meadow, which for several generations has been producing hay but little better than bedding, and so wet that you and your ancestors have had to mow it by hand. When you get it properly drained turn it over, and the next spring sow it down to redtop and timothy.</p>
12 Sa.		☐ ♀ ☾. 10 th . High tides.	
13 D.		15 th Sunday aft. Trinity.	
14 Mo.		☾ runs low. { 14 th . State election in Maine.	
15 Tu.		13 th . ♀ gr. elong. E.	
16 W.		Low tides. <i>pleasant</i>	
17 Th.		{ 14 th . New Style of calendar introduced in England, 1752. Day following 2d September called the 14th, 11 days being dropped.	
18 Fr.			
19 Sa.			
20 D.		16 th Sunday aft. Trinity.	
21 Mo.		St. Matthew. 23 ^d Med. tides.	<p>Give your sons who are to become farmers an education adapted to their chosen occupation. There are plenty of agricultural schools where they can take a one, two, or a four years' course; either of these will be of great benefit to them.</p> <p>Now is the time to drain the old meadow, which for several generations has been producing hay but little better than bedding, and so wet that you and your ancestors have had to mow it by hand. When you get it properly drained turn it over, and the next spring sow it down to redtop and timothy.</p>
22 Tu.		☾ ent. ☐. AUTUMN BEGINS.	
23 W.		☾ in Apog. 22 ^d ♀ stat.	
24 Th.		♂ ♂ ♀, ♂ ♀ ♀. <i>weather.</i>	
25 Fr.		♀ gr. hel. l. S. { Days and nights nearly equal.	
26 Sa.		♀ stationary. <i>There may</i>	
27 D.		17 th Sunday after Trinity.	
28 Mo.		♂ ♀ ☾, ♂ ♂ ☾. <i>be a</i>	
29 Tu.		St. Michael and all Angels. <i>frost.</i>	
30 W.		St. Jerome. 28 th . ☾ runs high.	

1896.]

OCTOBER, TENTH MONTH.

ASTRONOMICAL CALCULATIONS.

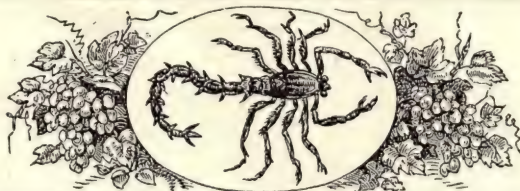
Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	3	34	7	5	53	13	8	9	19	10	21	25	12	27
2	3	58	8	6	16	14	8	31	20	10	42	26	12	48
3	4	21	9	6	39	15	8	54	21	11	4	27	13	8
4	4	44	10	7	2	16	9	16	22	11	25	28	13	28
5	5	7	11	7	24	17	9	37	23	11	46	29	13	48
6	5	30	12	7	47	18	9	59	24	12	7	30	14	7

- New Moon, 6th day, 5h. 18m., evening, W.
 ☽ First Quarter, 13th day, 9h. 47m., morning, E.
 ○ Full Moon, 21st day, 11h. 17m., morning, W.
 ☾ Last Quarter, 29th day, 10h. 21m., morning, W.

Day of the Year.	Day of Month.	Day of Week.	Rises.	Sets.	Length of Days.	Day's Dec.	Sun. East.	Moon's Age.	Full Sea, Boston.	D's Place.	D's Rises.	D's Souths.
			h. m.	h. m.	h. m.	h. m.	m.		Morn. Even.		h. m.	h. m.
275	1	Th.	5 42	5 25	11 43	3 34	26	24	5 $\frac{3}{4}$	6 $\frac{1}{4}$ h'rt	morn	6 54
276	2	Fr.	5 43	5 23	11 40	3 37	27	25	6 $\frac{3}{4}$	7 $\frac{1}{4}$ h'rt	0 12	7 47
277	3	Sa.	5 45	5 22	11 37	3 40	27	26	7 $\frac{3}{4}$	8 $\frac{1}{4}$ bel.	1 28	8 39
278	4	S.	5 46	5 20	11 34	3 43	27	27	8 $\frac{3}{4}$	9 $\frac{1}{4}$ bel.	2 45	9 30
279	5	M.	5 47	5 18	11 31	3 46	28	28	9 $\frac{3}{4}$	10 bel.	4 3	10 20
280	6	Tu.	5 48	5 16	11 28	3 49	28	●	10 $\frac{1}{2}$	11 rei.	sets	11 12
281	7	W.	5 49	5 14	11 25	3 52	28	1	11 $\frac{1}{4}$	11 $\frac{3}{4}$ sec.	5 19	0 7
282	8	Th.	5 50	5 13	11 23	3 54	28	2	—	0 sec.	5 53	1 4
283	9	Fr.	5 51	5 11	11 20	3 57	29	3	0 $\frac{1}{2}$	0 $\frac{3}{4}$ thi.	6 34	2 5
284	10	Sa.	5 53	5 10	11 17	4 0	29	4	1 $\frac{1}{4}$	1 $\frac{3}{4}$ thi.	7 25	3 7
285	11	S.	5 54	5 8	11 14	4 3	29	5	2 $\frac{1}{4}$	2 $\frac{1}{2}$ thi.	8 25	4 9
286	12	M.	5 55	5 6	11 11	4 6	29	6	3 $\frac{1}{4}$	3 $\frac{1}{2}$ kn.	9 33	5 8
287	13	Tu.	5 56	5 5	11 9	4 8	30	7	4 $\frac{1}{4}$	4 $\frac{1}{2}$ kn.	10 42	6 2
288	14	W.	5 57	5 3	11 6	4 11	30	8	5 $\frac{1}{4}$	5 $\frac{1}{2}$ legs	11 51	6 52
289	15	Th.	5 58	5 1	11 3	4 14	30	9	6 $\frac{1}{4}$	6 $\frac{1}{2}$ legs	morn	7 38
290	16	Fr.	6 0	5 0	11 0	4 17	30	10	7 $\frac{1}{4}$	7 $\frac{3}{4}$ feet	0 57	8 21
291	17	Sa.	6 1	4 58	10 57	4 20	30	11	8 $\frac{1}{4}$	8 $\frac{3}{4}$ feet	2 1	9 1
292	18	S.	6 2	4 57	10 55	4 22	31	12	9 $\frac{1}{4}$	9 $\frac{3}{4}$ feet	3 3	9 41
293	19	M.	6 3	4 55	10 52	4 25	31	13	9 $\frac{3}{4}$	10 $\frac{1}{4}$ h'd	4 3	10 20
294	20	Tu.	6 4	4 54	10 50	4 27	31	14	10 $\frac{1}{2}$	11 h'd	5 5	11 1
295	21	W.	6 5	4 52	10 47	4 30	31	○	11	11 $\frac{1}{2}$ n'k	rises	11 43
296	22	Th.	6 7	4 51	10 44	4 33	31	16	11 $\frac{3}{4}$	— n'k	4 55	morn
297	23	Fr.	6 8	4 49	10 41	4 36	31	17	0	0 $\frac{1}{4}$ n'k	5 26	0 28
298	24	Sa.	6 9	4 48	10 39	4 38	32	18	0 $\frac{1}{2}$	0 $\frac{3}{4}$ arm	6 3	1 16
299	25	S.	6 10	4 46	10 36	4 41	32	19	1 $\frac{1}{4}$	1 $\frac{3}{4}$ arm	6 50	2 7
300	26	M.	6 12	4 45	10 33	4 44	32	20	1 $\frac{3}{4}$	2 br.	7 46	3 0
301	27	Tu.	6 13	4 43	10 30	4 47	32	21	2 $\frac{1}{4}$	2 $\frac{3}{4}$ br.	8 48	3 53
302	28	W.	6 14	4 42	10 28	4 49	32	22	3 $\frac{1}{4}$	3 $\frac{3}{4}$ br.	9 58	4 46
303	29	Th.	6 15	4 41	10 26	4 51	32	23	4 $\frac{1}{4}$	4 $\frac{3}{4}$ h'rt	11 9	5 38
304	30	Fr.	6 16	4 39	10 23	4 54	32	24	5 $\frac{1}{4}$	5 $\frac{3}{4}$ h'rt	morn	6 29
305	31	Sa.	6 18	4 38	10 20	4 57	32	25	6 $\frac{1}{4}$	6 $\frac{3}{4}$ bel.	0 22	7 18

OCTOBER hath 31 days.

[1896.]



And far in heaven, the while,
The sun, that sends that gale to wander here,
Pours out on the fair earth his quiet smile, —
The sweetest of the year. — BRYANT.

M. D.	D. W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Th.	Low tides. <i>A rainstorm.</i>	How many first premiums did you take at the Agricultural Fair? or did you keep all your produce at home, that you might entertain the belief that you could have taken all of the first ones if you had tried for them? This may give you a more comfortable feeling than to have exhibited and not have taken even a third premium; but is it not best to learn your true standing as a farmer, even if you are a little mortified? Would it not spur you to make stronger efforts to improve your methods of producing the various products of the farm? When a man gets the idea into his head that he knows how to do everything better than any one else, it is about time for him to compare notes with others, and be examined by an impartial committee. Their decision may lead him to a more critical examination of himself, and to the discovery that constant efforts for improvement are necessary if he would keep even abreast of the times.
2	Fr.	§ 3d. David Swing, clergyman, died, 1894, aged 64.	
3	Sa.	♂ ♀ ☾. § 5th. Vincenzo Botta, educator, died, 1894, aged 76.	
4	D	18th Sunday after Trinity.	
5	Mo.	§ 7th. Oliver Wendell Holmes died, 1894, aged 85.	
6	Tu.	7th. Meeting of legislature of Vermont.	
7	W.	☾ in Perigee, ♂ ☿ ☾.	
8	Th.	♂ ☿ ☾ inf. High tides.	
9	Fr.	St. Denis. ♂ ♀ ☾, ♀ in ☿.	
10	Sa.	9th. ♂ ☿ ☾. 11th. ☾ r. low.	
11	D	19th Sunday after Trinity.	Harvest the corn as soon as it is dry enough. If it was stocked at the proper time it ought to be ripe enough to husk out the last of the month; if left until November the fodder will often be very much injured by the fall rains and high winds. Apple trees may be set this month to great advantage; the farmer has more time than in the spring.
12	Mo.	§ 7th. Ex-Gov. Andrew G. Curtin died, 1894, aged 77.	
13	Tu.	♂ in ☿. <i>Bright days,</i>	
14	W.	♀ in ☿. <i>cool but</i>	
15	Th.	♂ ♀ ♄. LINCOLN DAY in Conn.	
16	Fr.	♂ stationary. Low tides.	
17	Sa.	18th. ♀ in Perih. <i>pleasant.</i>	
18	D	20th Sun. af. Tr. St. Luke, Ev.	
19	Mo.	♂ ♀ ☿. <i>Cool nights.</i>	
20	Tu.	§ 20th. James Anthony Froude, English historian, died, 1894, aged 76.	
21	W.	☾ in Apogee. <i>Unsettled</i>	
22	Th.	Medium tides. <i>weather.</i>	
23	Fr.	24th. Daniel Webster died, 1852.	
24	Sa.	♂ gr. elong. W. <i>Grows</i>	
25	D	21st Sun. aft. Tr. St. Crispin.	
26	Mo.	♂ ♀ ☾. 25th. ♂ ♄ ☾.	
27	Tu.	26th. ☾ runs high.	
28	W.	St. Simon & St. Jude. <i>colder.</i>	
29	Th.	28th. ♀ gr. hel. lat. N. <i>A</i>	
30	Fr.	<i>cold rain.</i>	
31	Sa.	All-Hallows Eve. ♂ ♄ ☾.	

1896.] NOVEMBER, ELEVENTH MONTH.

ASTRONOMICAL CALCULATIONS.

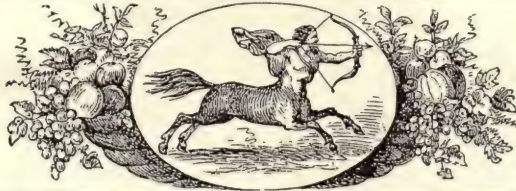
Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	14	S. 46	7	16	35	13	18	15	19	19	43	25	20	58
2	15	5	8	16	53	14	18	30	20	19	56	26	21	9
3	15	23	9	17	10	15	18	45	21	20	9	27	21	19
4	15	42	10	17	26	16	19	0	22	20	22	28	21	30
5	16	0	11	17	43	17	19	15	23	20	34	29	21	40
6	16	18	12	17	59	18	19	29	24	20	46	30	21	49

- New Moon, 5th day, 2h. 27m., morning, E.
 ☾ First Quarter, 12th day, 0h. 41m., morning, W.
 ○ Full Moon, 20th day, 5h. 25m., morning, W.
 ☾ Last Quarter, 27th day, 9h. 44m., evening, E.

Day of the Year.	Day of Month.	Day of the Week.	☾	Rises.	Sets.	Length of Days.	Day's Deer.	Sun East.	Moon's Age.	Full Sea. Boston.	☾'s Place.	☾'s Rises.	☾'s Souths.
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	Morn. Even.		h. m.	h. m.
306	1	S.	☾	6 19	4 37	10 18	4 59	32 26	7 1/4	7 3/4	bel.	1 37	8 7
307	2	M.	☾	6 20	4 36	10 16	5 1	32 27	8 1/4	8 3/4	rei.	2 53	8 57
308	3	Tu.	☾	6 21	4 34	10 13	5 4	32 28	9	9 3/4	rei.	4 12	9 49
309	4	W.	☾	6 23	4 33	10 10	5 7	32 29	10	10 3/4	sec.	5 33	10 44
310	5	Th.	☾	6 24	4 32	10 8	5 9	32 30	10 3/4	11 1/4	sec.	sets	11 44
311	6	Fr.	☾	6 25	4 31	10 6	5 11	32 31	11 1/4	—	thi.	5 11	0 47
312	7	Sa.	☾	6 27	4 30	10 3	5 14	32 32	2	0 1/4	thi.	6 9	1 51
313	8	S.	☾	6 28	4 29	10 1	5 16	32 33	3	1	kn.	7 16	2 54
314	9	M.	☾	6 29	4 28	9 59	5 18	32 34	4	2	kn.	8 27	3 53
315	10	Tu.	☾	6 30	4 27	9 57	5 20	32 35	5	2 3/4	legs	9 39	4 46
316	11	W.	☾	6 32	4 26	9 54	5 23	32 36	6	3 3/4	legs	10 47	5 34
317	12	Th.	☾	6 33	4 25	9 52	5 25	32 37	7	4 3/4	legs	11 53	6 19
318	13	Fr.	☾	6 34	4 24	9 50	5 27	32 38	8	5 3/4	feet	morn	7 0
319	14	Sa.	☾	6 35	4 23	9 48	5 29	32 39	9	6 3/4	feet	0 55	7 40
320	15	S.	☾	6 37	4 22	9 45	5 32	32 40	10	7 3/4	h'd	1 56	8 19
321	16	M.	☾	6 38	4 21	9 43	5 34	32 41	11	8 3/4	h'd	2 57	8 59
322	17	Tu.	☾	6 39	4 20	9 41	5 36	32 42	12	9 1/4	h'd	3 58	9 41
323	18	W.	☾	6 40	4 19	9 39	5 38	32 43	13	9 3/4	n'k	5 1	10 25
324	19	Th.	☾	6 41	4 19	9 38	5 39	32 44	14	10 1/4	n'k	6 4	11 13
325	20	Fr.	☾	6 43	4 18	9 35	5 42	32 45	15	11 1/4	arm	rises	morn
326	21	Sa.	☾	6 44	4 17	9 33	5 44	32 46	16	11 3/4	arm	4 48	0 3
327	22	S.	☾	6 45	4 16	9 31	5 46	32 47	17	0 1/4	br.	5 41	0 56
328	23	M.	☾	6 46	4 16	9 30	5 47	32 48	18	0 3/4	br.	6 42	1 49
329	24	Tu.	☾	6 47	4 15	9 28	5 49	32 49	19	1 1/4	br.	7 49	2 43
330	25	W.	☾	6 49	4 15	9 26	5 51	32 50	20	2 1/4	h'rt	8 59	3 34
331	26	Th.	☾	6 50	4 14	9 24	5 53	32 51	21	3	h'rt	10 10	4 24
332	27	Fr.	☾	6 51	4 14	9 23	5 54	32 52	22	4	bel.	11 21	5 13
333	28	Sa.	☾	6 52	4 14	9 22	5 55	32 53	23	4 3/4	bel.	morn	6 0
334	29	S.	☾	6 53	4 13	9 20	5 57	32 54	24	5 3/4	rei.	0 34	6 47
335	30	M.	☾	6 54	4 13	9 19	5 58	32 55	25	6 3/4	rei.	1 48	7 36

NOVEMBER hath 30 days.

[1896]



O Autumn! why so soon
Depart the hues that make thy forests glad,
Thy gentle wind and thy fair sunny noon,
And leave thee wild and sad!—BRYANT.

D.	M.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	D	22d	S. af. Tr. All Saints' Day.	THE cold days of this month remind us that it is time to prepare for winter. There are many little things to attend to which ought not to be neglected. Repairs on the farm buildings ought to be made early in the month. The water-pipes should be looked after and perfectly protected. All the tender plants and shrubs should be housed or protected with earth or matting; a little neglect will cause very unpleasant feelings when spring opens, and the plants are found to be winter-killed.
2	Mo.	♂	stationary. <i>Fine</i>	
3	Tu.	♂	3d. Presidential election. State elections in N.H., Conn., and Mass.	
4	W.	♂	in Perigee, ♂ ♀ ☾.	
5	Th.	♂ ♀ ☾, ♂ ☿ ☾.	H. tides.	
6	Fr.	♂	1st. Alexander III., czar of Russia, died, 1894, aged 49.	
7	Sa.	♂ ♀ ☾, ☾	runs low.	
8	D	23d	Sunday aft. Trinity.	
9	Mo.	♂	5th. Philip Gilbert Hamerton, English author, died, 1894, aged 60.	
10	Tu.	♂	Medium tides. <i>weather.</i>	
11	W.	♂	St. Martin. 16th. James McCosh, educator, died, 1894, aged 83.	If you would be happy, do everything at the proper time, and not be two weeks behind. Some people are always two or three weeks behind in all their business, and if by any chance they should catch up, they will sit down and wait for time to pass, and go to work only when they find themselves at least two weeks behind the average man. November is one of the best months in the year to cut wood. The weather is cool, the ground is usually clear of snow, and the quality of the wood is much better than if cut later in the season; and if cut this month it will be ready to be sledded home when the snow comes. Have the sleds and snow-ploughs in good order before the first snowstorm. Provide good warm quarters for the laying hens if you expect eggs from them during cold weather.
12	Th.	♀	in Aphelion.	
13	Fr.	♂ ♀ ☾.	<i>Windy</i>	
14	Sa.	♂	10th. Robert C. Winthrop died, '94, ag. 85.	
15	D	24th	Sunday after Trinity.	
16	Mo.	♂ ☿ ☾.	Low tides. <i>and</i>	
17	Tu.	♂	in Apogee. <i>rough.</i>	
18	W.	♂	18th. Great earthquake in North America, 1755.	
19	Th.	♂ ♀ ♀.	<i>Unsettled.</i>	
20	Fr.	♂ ♀ ☿.		
21	Sa.	♂	in ☿, ♂ ☿ ☾. <i>Clearing</i>	
22	D	25th	S. af. Tr. St. Cecilia.	
23	Mo.	♂	♂ ☾, ☾ runs high.	
24	Tu.	♂	17th. W. G. T. Shedd, theologian, died, 1894, aged 74.	
25	W.	♂	St. Catharine. <i>weather.</i>	
26	Th.	♂	20th. Anton G. Rubinstein, Russian pianist, died, 1894, aged 65.	
27	Fr.	♂	25th. New York evacuated by the British, 1783.	
28	Sa.	♂ ♀ ☾, ♂ ♀ ☾	sup. <i>Clear</i>	
29	D	1st	S. in Adv. Med. tides.	
30	Mo.	♂	St. Andrew. ☾ ♀ ☾. <i>and cold.</i>	

1896.]

DECEMBER, TWELFTH MONTH.

ASTRONOMICAL CALCULATIONS.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	21	S. 58	7	22	44	13	23	14	19	23	27	25	23	23
2	22	7	8	22	50	14	23	17	20	23	27	26	23	20
3	22	15	9	22	56	15	23	20	21	23	27	27	23	18
4	22	23	10	23	1	16	23	22	22	23	27	28	23	14
5	22	31	11	23	6	17	23	24	23	23	26	29	23	11
6	22	38	12	23	10	18	23	26	24	23	25	30	23	6

- New Moon, 4th day, 0h. 51m., evening, W.
- ☾ First Quarter, 11th day, 7h. 29m., evening, W.
- Full Moon, 19th day, 11h. 5m., evening, E.
- ☾ Last Quarter, 27th day, 7h. 9m., morning, W.

Day of the Year.	Day of the Month.	Day of the Week.	Rises. h. m.	Sets. h. m.	Length of Days. h. m.	Day's Decr. h. m.	Day's Incr. h. m.	Moon's Age.	Full Sea, Boston. Morn. Even.	Place.	D's Rises. h. m.	D's Souths. h. m.
336	1	Tu.	6 55	4 13	9 18	5 59	26 26	7 $\frac{3}{4}$	8 $\frac{1}{4}$	sec.	3 6	8 28
337	2	W.	6 56	4 12	9 16	6 1	26 27	8 $\frac{3}{4}$	9 $\frac{1}{4}$	sec.	4 26	9 24
338	3	Th.	6 57	4 12	9 15	6 2	25 28	9 $\frac{1}{2}$	10 $\frac{1}{4}$	thi.	5 48	10 25
339	4	Fr.	6 58	4 12	9 14	6 3	25 29	10 $\frac{1}{2}$	11	thi.	sets	11 29
340	5	Sa.	6 59	4 12	9 13	6 4	25	11 $\frac{1}{4}$	—	kn.	4 52	0 33
341	6	S.	7 0	4 12	9 12	6 5	24	1	0 $\frac{1}{4}$	kn.	6 4	1 36
342	7	M.	7 1	4 12	9 11	6 6	24	2	0 $\frac{3}{4}$	1 kn.	7 18	2 33
343	8	Tu.	7 2	4 12	9 10	6 7	23	3	1 $\frac{3}{4}$	2 legs	8 30	3 25
344	9	W.	7 3	4 12	9 9	6 8	23	4	2 $\frac{1}{2}$	2 $\frac{3}{4}$ legs	9 39	4 12
345	10	Th.	7 4	4 12	9 8	6 9	22	5	3 $\frac{1}{2}$	3 $\frac{3}{4}$ feet	10 43	4 56
346	11	Fr.	7 4	4 12	9 8	6 9	22	6	4 $\frac{1}{4}$	4 $\frac{1}{2}$ feet	11 45	5 37
347	12	Sa.	7 5	4 12	9 7	6 10	21	7	5 $\frac{1}{4}$	5 $\frac{1}{2}$ h'd morn	6 16	
348	13	S.	7 6	4 12	9 6	6 11	21	8	6	6 $\frac{1}{2}$ h'd	0 48	6 56
349	14	M.	7 6	4 12	9 6	6 11	20	9	7	7 $\frac{1}{4}$ h'd	1 48	7 38
350	15	Tu.	7 7	4 13	9 6	6 11	20	10	7 $\frac{3}{4}$	8 $\frac{1}{4}$ n'k	2 50	8 21
351	16	W.	7 8	4 13	9 5	6 12	19	11	8 $\frac{1}{2}$	9 n'k	3 54	9 7
352	17	Th.	7 8	4 13	9 5	6 12	19	12	9 $\frac{1}{4}$	9 $\frac{3}{4}$ arm	4 57	9 57
353	18	Fr.	7 9	4 14	9 5	6 12	18	13	10	10 $\frac{1}{2}$ arm	6 0	10 49
354	19	Sa.	7 10	4 14	9 4	6 13	18	14	10 $\frac{1}{2}$	11 $\frac{1}{4}$ arm	rises	11 43
355	20	S.	7 10	4 14	9 4	6 13	17	15	11 $\frac{1}{4}$	11 $\frac{3}{4}$ br.	4 34	morn
356	21	M.	7 11	4 15	9 4	Inc.	17	16	—	0 br.	5 40	0 38
357	22	Tu.	7 11	4 15	9 4	0	16	17	0 $\frac{1}{2}$	0 $\frac{3}{4}$ h'rt	6 50	1 31
358	23	W.	7 12	4 16	9 4	0	16	18	1 $\frac{1}{4}$	1 $\frac{1}{2}$ h'rt	8 2	2 22
359	24	Th.	7 12	4 17	9 5	0	15	19	2	2 $\frac{1}{4}$ bel.	9 14	3 11
360	25	Fr.	7 12	4 17	9 5	0	15	20	2 $\frac{3}{4}$	3 bel.	10 25	3 58
361	26	Sa.	7 12	4 18	9 6	0	14	21	3 $\frac{1}{2}$	4 bel.	11 36	4 44
362	27	S.	7 13	4 19	9 6	0	14	22	4 $\frac{1}{2}$	4 $\frac{3}{4}$ rei.	morn	5 32
363	28	M.	7 13	4 20	9 7	0	14	23	5 $\frac{1}{4}$	5 $\frac{3}{4}$ rei.	0 50	6 21
364	29	Tu.	7 13	4 20	9 7	0	13	24	6 $\frac{1}{4}$	7 sec.	2 7	7 13
365	30	W.	7 14	4 21	9 7	0	13	25	7 $\frac{1}{4}$	8 sec.	3 26	8 10
366	31	Th.	7 14	4 22	9 8	0	12	26	8 $\frac{1}{4}$	9 thi.	4 43	9 10

DECEMBER hath 31 days.

[1896.]



Further on
A belt of darkness seems to bar the way,
Long, low, and distant, where the Life to come
Touches the Life that is. The Flood of Years
Rolls toward it near and nearer. It must pass
That dismal barrier. What is there beyond? — BYRANT.

D. M.	D. W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1 Tu.	♂ in Aph.	♂ 3d. Robert Louis Ste- venson, Scottish nov- elist, died, 1894, aged 44.	<p>ONCE more we come to the closing month of the year. The farmer, having finished harvesting his crops, has now a little time for reflection, and, if inclined that way, for the improvement of his mind. The long evenings and stormy days should be to him a welcome change from hard labor in the field. A few hours reading useful books each day during the winter will make wonderful progress in educating a man; and when he once gets into the habit of reading for improvement, he finds it a great pleasure to spend his evenings at home reading, with his family, instructive books. He will no longer desire to spend his evenings at the corner grocery, attending to his absent neighbor's business; and he will soon find a way to instruct his boys in a manner to make home so attractive that it will contain more sunshine for them than any other place; and when they go out they will seek to visit places similar to their homes.</p> <p>As the end of the year draws near have all your accounts made up, so that on the first of the year you will know just how you stand. If you have not made both ends meet during the past year, economize next year, and exert yourself to earn a little more, so as to have a surplus at the beginning of another year, and thus secure a Happy New Year.</p>
2 W.	♂ in Perigee.		
3 Th.	♂ ♀ ♀, ♂ ♀ ♀.	Pleasant	
4 Fr.	♂ ♀ ♀, ♀ gr. hel. lat. S.		
5 Sa.	♂ runs low.	High tides.	
6 D.	2d Sun. in Adv.	St. Nicholas.	
7 Mo.	♂ ♀ ♀.	♂ 7th. U. S. Congress assembles.	
8 Tu.		♂ 7th. Ferdinand de Lesseps, French en- gineer, died, 1894, aged 80.	
9 W.	Medium tides.	for some	
10 Th.	♂ ♀ ♀, ♂ ♀ ♀.	days.	
11 Fr.		Signs of a storm.	
12 Sa.		♂ 12th. Sir John Thompson, prem. of the Domin. of Canada, died, 1894, aged 50.	
13 D.	3d Sunday in Advent.		
14 Mo.	♂ in Apogee.	Snow.	
15 Tu.		14th. Washington died, 1799, aged 67.	
16 W.	Low tides.	Clearing	
17 Th.		♂ 20th. George E. Ellis, clergyman, died, 1894, aged 80.	
18 Fr.	♂ ♀ ♀.	♂ 19th-23d. SHORTEST DAYS in the year, about 9h.	
19 Sa.	♂ ♀ ♀, ♂ runs high.	up	
20 D.	4th Sunday in Advent.		
21 Mo.	St. Thomas.	♂ ent. W. W. BEG.	
22 Tu.		22d. FOREFATHERS' DAY. weather.	
23 W.	21st. ♀ gr. hel. lat. S.		
24 Th.	25th. Medium tides.	Cold.	
25 Fr.	CHRISTMAS DAY.	♂ ♀ ♀.	
26 Sa.	St. Stephen.	25th. ♀ stat.	
27 D.	1st S. af. Chr.	St. John Evang.	
28 Mo.	Holy Innocents.	♂ ♀ ♀.	
29 Tu.		♂ 30th. Amelia Jenks Bloomer, reformer, died, 1894, aged 76.	
30 W.	♂ in Perigee.	♂ ♀ ♀.	
31 Th.	♂ in Perih.	30th. ♂ ♀ ♀.	

COURTS OF THE UNITED STATES.

(Corrected September, 1895. U. S. Congress may make changes.)

Supreme Court at Washington, D.C.

Court comes in 2d Monday in October.

The Supreme Court of the United States consists of one Chief and eight Associate Justices. There are nine judicial circuits, and to each of these is assigned one of the justices. Also three Circuit Judges have been appointed for the second circuit, and three for the eighth, and two for each of the other circuits.

The Circuits and Justices are as follows:—

First Circuit, Horace Gray, of Boston, Mass., Associate Justice. (Maine, N.H., Mass., R.I.)
Second " Henry B. Brown, of Detroit, Mich., Asso. Justice. (Vt., Conn., N.Y.)
Third " George Shiras, Jr., of Pittsburgh, Penn., Asso. Justice. (Penn., N.J., Del.)
Fourth " Melville W. Fuller, of Chicago, Ill., Chief Justice. (Md., Va., W. Va., N.C., S.C.)
Fifth " Edward D. White, of N. Orleans, La., As. Justice. (Geo., Fla., Ala., Miss., La., Tex.)
Sixth " Asso. Justice. (Ohio, Mich., Ky., Tenn.)
Seventh " John M. Harlan, of Louisville, Kentucky, Asso. Justice. (Ind., Ill., Wis.)
Eighth " David J. Brewer, of Leavenworth, Kan., Asso. Justice. (Min., Iowa, Mo., Kan., Ark., Neb., Colo., N. Dakota, S. Dakota, Wyoming, New Mexico, Oklahoma, Utah.)
Ninth " Stephen J. Field, of San Francisco, Cal., Asso. Justice. (Cal., Oregon, Nev., Wash., Idaho, Montana, Arizona, Alaska.)
 Clerk . . James H. McKenney, Washington, D.C.

U. S. Circuit Courts in 1st and 2d Eastern Circuits.

Connecticut, at N. Haven, 4th Tu. in Apr., and at Hartford, 3d Tu. in Sept.

Maine, at Portland, Apr. 23 and Sept. 23.

Massachusetts, at Boston, May 15 and Oct. 15.

New Hampshire, at Portsmouth, May 8, and at Concord, Oct. 8; at Littleton, last Tu. in Aug.

Rhode Island, at Providence, June 15 and Nov. 15.

Vermont, at Windsor, 3d Tu. May, at Rutland, 1st Tu. Oct., and at Burlington, 4th Tu. in Feb.

U. S. Circuit Court of Appeals.
 1st Circuit (Maine, N.H., Mass., R.I.) at Boston, 1st Tu. in Oct. Sessions for hearing cases 1st Tu. Jan., Apr. and Oct.
 2d Circuit (Vt., Conn., N.Y.) at New York, last Tu. in Oct.

If the day happens on Sunday the Court comes in the Monday following.

U. S. District Courts.

Connecticut, at Hartford, 4th Tu. in May and 1st Tu. Dec.; at New Haven, 4th Tu. in Feb. and Aug.

Maine, at Portland, 1st Tu. in Feb. and Dec.; at Bath, 1st Tu. in Sept.; at Bangor, 1st Tu. in June.

Massachusetts, at Boston, 3d Tu. in Mar., 4th Tu. in June, 2d Tu. in Sept., and 1st Tu. in Dec.

New Hampshire, at Portsmouth, 3d Tu. in Mar. and Sept.; at Concord, 3d Tu. in June and Dec.; at Littleton, last Tu. in Aug.

Rhode Island, at Newport 2d Tu. in May and 3d Tu. in Oct.; at Providence, 1st Tu. in Feb. and Aug.

Vermont, at Windsor, 3d Tu. May; at Rutland, 1st Tu. Oct.; at Burlington, 4th Tu. Feb.

COURTS IN THE STATE OF MAINE.

(Corrected September, 1895.)

Supreme Judicial Court.

LAW TERMS.

Portland, 3d Tu. July, for counties of Franklin, Oxford, Androscoggin, York, and Cumberland.

Augusta, 4th Tu. May, for Somerset, Knox, Lincoln, Sagadahoc, and Kennebec counties.

Bangor, 3d Tu. June, for counties of Aroostook, Washington, Piscataquis, Hancock, Waldo, and Penobscot.

TRIAL TERMS.

Androscoggin Co., at Auburn, 3d Tu. Jan., Apr., and Sept.

Aroostook Co., *civil and crim.*, at Houlton, 4th Tu. Apr., and 3d Tu. Sept.; *civil*, at Caribou, 1st Tu. Dec.

Cumberland Co., *civil business*, at Portland, 2d Tu. Jan., Apr., and Oct.

Franklin Co., at Farmington, *civil*, 1st Tu. June; *civil and crim.*, 1st Tu. Feb., and 4th Tu. Sept.

Hancock Co., at Ellsworth, *civil*, 3d Tu. Jan.; *civil and crim.*, 2d Tu. Apr. and Oct.

Kennebec Co., *civil business*, at Augusta, 1st Tu. Mar., and 3d Tu. Oct.

Knox Co., at Rockland, 2d Tu. Mar. and Dec., and 3d Tu. Sept.

Lincoln Co., at Wiscasset, 4th Tu. Apr. and Oct., *civil and crim.*

Oxford Co., at Paris, *civil*, 1st Tu. May; *civil and criminal*, 2d Tu. Feb. and Oct.

Penobscot Co., at Bangor, *civil business*, 1st Tu. Jan., Apr., and Oct.; *crim.*, 1st Tu. Feb., and 2d Tu. Aug.

Piscataquis Co., at Dover, last Tu. Feb. and 4th Tu. Sept., *civil and crim.*

Sagadahoc Co., at Bath, 1st Tu. Apr., and 3d Tu. in Aug. and Dec.

Somerset Co., at Skowhegan, 3d Tu. Mar., Sept., and Dec., *civil and crim.*

Waldo Co., at Belfast, 1st Tu. Jan., and 3d Tu. in Apr. and Oct.

Washington Co., at Machias, 1st Tu. Jan. and Oct.; at Calais, 4th Tu. Apr.

York Co., at Saco, 1st Tu. Jan.; at Alfred, 3d Tu. May, and Sept.

Superior Court for Cumberl'd Co.

At Portland, *civil only*, 1st Tu. Feb., Mar., Apr., Oct., Nov., Dec.; *civil and criminal*, 1st Tu. Jan., May, and Sept.

Superior Court for Kennebec Co.

At Augusta, *civil and criminal*, 1st Tu. Apr., Sept., and Dec.. At Waterville, *civil*, 2d Tu. June and Nov.

COUNTY COMMISSIONERS' COURTS IN MAINE.

(Corrected September, 1895.)

Androscoggin, at Auburn, 1st Tu. Apr. and Oct.**Aroostook**, at Houlton, 1st Tu. Jan. and July.**Cumberland**, at Portland, terms of record, 1st Tu. Jan. and June; and regular sessions, 1st Tu. every month.**Franklin**, at Farmington, last Tu. Apr. and Dec.**Hancock**, at Ellsworth, 4th Tu. Jan., and 2d Tu. Apr. and Oct.**Kennebec**, at Augusta, 3d Tu. Apr., Aug., and Dec.**Knox**, at Rockland, 1st Tu. Apr. and Dec., and 3d Tu. Aug.**Lincoln**, at Wiscasset, 2d Tu. May, 1st Mon. Sept., and last Mon. Dec.**Oxford**, at Paris, 2d Tu. May, 1st Tu. Sept., and last Tu. Dec.**Penobscot**, at Bangor, 1st Tu. Jan., Apr., July, and Oct.**Piscataquis**, at Dover, 1st Tu. Apr., Aug., and Dec.**Sagadahoc**, at Bath, 1st Tu. Mar., July, and Nov.**Somerset**, at Skowhegan, 1st Tu. Mar. and Aug., and 2d Tu. Dec.**Waldo**, at Belfast, 2d Tu. Apr., 3d Tu. Aug. and Dec.**Washington**, at Machias, 1st Tu. Jan. and Oct.; at Calais, 4th Tu. Apr.**York**, tms. of rec., 1st Tu. Apr. and Oct.; reg. sessions 1st Tu. every mo., at the place where Probate Court is held.

COURTS IN THE STATE OF NEW HAMPSHIRE.

(Corrected September, 1895.)

Supreme Court.

LAW TERMS.—Two terms are held each year, 1st Tu. June and Dec., both at Concord. Adjourned terms, March and Aug.

TRIAL TERMS.

Belknap Co., at Laconia, 4th Tu. Mar. and Sept.**Carroll Co.**, at Ossipee, 3d Tu. Apr. and Oct.**Cheshire Co.**, at Keene, 1st Tu. Apr., and 3d Tu. Oct.**Cooks Co.**, at Colebrook, 1st Tu. Feb. and Sept., and at Lancaster, 3d Tu. Apr. and Oct.**Grafton Co.**, at Haverhill, 3d Tu. Mar. and Sept., at Plymouth, 2d Tu. May and Nov., and at Lebanon, 3d Tu. Apr. and Oct.**Hillsborough Co.**, at Manchester, 1st Tu. Jan. and May, and at Nashua, 3d Tu. Sept.**Merrimack Co.**, at Concord, 1st Tu. Apr. and Oct.**Rockingham Co.**, at Portsmouth, 3d Tu. Oct., and at Exeter, 3d Tu. Jan., and 2d Tu. Apr.**Strafford Co.**, at Dover, 2d Tu. Feb., and 1st Tu. Sept.**Sullivan Co.**, at Newport, 4th Tu. Apr., and 1st Tu. Oct.

Probate Courts.

[If the term of a probate court falls on a legal holiday, or day of state elections, said court shall be held on the next secular day thereafter.]

Belknap Co., at Laconia, 3d Tu. of every month.**Carroll Co.**, at Conway, 1st Tu. Jan., May, and Sept.; at W. Ossipee, 1st Tu. Feb., June, and Oct.; at Ossipee Corner, 1st Tu. Mar., July, and Nov.; at Wolfboro' Junc., 1st Tu. Apr., Aug., and Dec.**Cheshire Co.**, at Keene, 1st and 3d Fri. Jan., Feb., Mar., Apr., May, June,

Sept., Oct., Nov., and Dec.; 1st Fri. July, and 3d Fri. Aug.

Cooks Co., at Colebrook, 4th Tu. Jan. and Aug.; at Lancaster, 1st Tu. Jan., Mar., May, July, and Nov.; at Gorham, 1st Tu. Apr. and Oct.; at Berlin, 3d Tu. Jan. and June.**Grafton Co.**, at Lisbon, 3d Tu. Apr. and Oct.; Plymouth, 2d Tu. May and Nov.; Canaan, 1st Tu. June and Dec.; Woodsville, 3d Tu. Mar. and Sept.; Haverhill, 1st Tu. July; Bristol, 3d Tu. July; Littleton, 3d Tu. Jan.; Wentworth, 3d Tu. Aug.; Orford, 3d Tu. Feb.; and Lebanon, 1st Tu. Mar. and Sept.**Hillsborough Co.**, at Manchester, 3d Tu. of ev. mo.; Nashua, 4th Tu. Feb., Apr., June, Aug., Oct., and Dec.; Fran-cestown, Fri. aft. 4th Tu. Aug.; Amherst, Fri. aft. 4th Tu. June and Dec.; Peterborough, Fri. aft. 4th Tu. Feb., May, and Nov.; Greenville, Fri. aft. 4th Tu. Apr. and Oct.; Hillsborough Bridge, Fri. aft. 4th Tu. Jan. and July; and Milford, Fri. aft. 4th Tu. Mar. and Sept.**Merrimack Co.**, at Concord, 2d and 4th Tu. every month.**Rockingham Co.**, at Exeter, Wed. aft. 3d Tu. Feb., Mar., and Aug. Wed. aft. 1st Tu. Apr., and Wed. aft. 2d Tu. of every other month; Portsmouth, 3d Tu. Mar., and 2d Tu. Jan., May, July, Sept., and Nov.; Derry, 3d Tu. Feb., and 2d Tu. June and Oct.; and at Raymond, 1st Tu. Apr., 3d Tu. Aug., and 2d Tu. Dec.; at Hampton, 4th Tu. Feb., Aug., and Dec.**Strafford Co.**, at Dover, 1st Tu. every month; Farmington, 3d Tu. Apr., Aug., and Dec.; Rochester, 3d Tu. Jan., Mar., June, and Oct.; and at Somersworth, 3d Tu. Feb., May, July, Sept., and Nov.**Sullivan Co.**, at Newport, last Wed. Feb., Apr., June, Aug., Oct., and Dec.; and at Claremont, last Wed. Jan., Mar., May, July, Sept., and Nov.

COURTS IN THE STATE OF VERMONT.

(Corrected September, 1895. Legislature meets in October, 1896, and may make changes.)

Supreme Court.

Three general terms for all counties at Montpelier, 2d Tu. Jan., May, Oct.; and special terms may be held at such other times as the judges may appoint.

COURTS IN THE STATE OF VERMONT (continued).

County Courts.

Addison Co., at Middlebury, 1st Tu. in June, and 1st Tu. in Dec.

Bennington Co., at Manchester, 1st Tu. June, and Bennington, 1st Tu. Dec.

Caledonia Co., at St. Johnsbury, 1st Tu. in June and Dec.

Chittenden Co., at Burlington, 2d Tu. in March and Sept.

Essex Co., at Guildhall, 3d Tu. in Mar. and Sept.

Franklin Co., at St. Albans, 2d Tu. in Apr. and Sept.

Grand Isle Co., at North Hero, last Tu. but one in Feb., and last Tu. in Aug.

Lamoille Co., at Hyde Park, 4th Tu. in Apr., and 1st Tu. in Dec.

Orange Co., at Chelsea, 1st Tu. in June, and 1st Tu. in Dec.

Orleans Co., at Newport, 1st Wed. after 1st Tu. in Sept., and 1st Tu. Feb.

Rutland Co., at Rutland, 2d Tu. in Mar. and Sept.

Washington Co., at Montpelier, 2d Tu. in Mar. and Sept.

Windham Co., at Newfane, 2d Tu. in Mar. and Sept.

Windsor Co., at Woodstock, 4th Tu. in May, and 1st Tu. in Dec.

COURTS IN THE STATE OF CONNECTICUT.

(Corrected September, 1895.)

Supreme Court of Errors.

1st Judicial District. (Hartford, Windham, Tolland, Litchfield, and Middlesex Cos.) at Hartford, 1st Tu. Jan., Mar., May, and Oct.

2nd Dist. (New London Co.) at Norwich, last Tu. May, and 3d Tu. Oct.

3d Dist. (New Haven and Fairfield Cos.) at New Haven, 3d Tu. Jan., and 1st Tu. June; at Bridgeport, 3d Tu. Apr., and 4th Tu. Oct.

Superior Court.

The Superior Court in each county shall be deemed to be open daily, for certain purposes, except during July and August. *Additional sessions* may be fixed by the Judges.

Fairfield Co., civil, at Danbury, 3d Tu. Sept.; at Bridgeport, 1st Tu. Dec.; *crim.*, at Bridgeport, 3d Tu. Feb., and 2d Tu. Sept.; and at Danbury, 2d Tu. May, and 3d Tu. Oct.

Hartford Co., at Hartford, *civil*, 2d Tu. Oct.; *crim.*, 1st Tu. Mar., June, and Dec., and 2d Tu. Sept.

Litchfield Co., civil and crim., at Litchfield, 1st Tu. Oct.; at New Milford, 1st Tu. Apr.; at Winchester, 1st Tu. June.

Middlesex Co., civil and crim., at Haddam, 4th Tu. Sept.; at Middletown, 2d Tu. Nov.; *crim. only*, at Middletown, 1st Tu. Apr. and Dec.

New Haven Co., civil, at New Haven, 4th Tu. Sept.; at Waterbury, 1st Tu. May, *civil only*; 3d Tu. Feb., June, and Oct., *crim. and civil*; *crim. only*, at New Haven, 1st Tu. Jan., Apr., July, and Oct.

New London Co., civil, at New London, 3d Tu. Sept.; at Norwich, 1st Tu. Nov.; *crim.*, at New London, 1st Tu. Sept., and at Norwich, 1st Tu. Jan. and May.

Tolland Co., at Tolland, *civil and crim.*, 2d Tu. Apr., and 1st Tu. June, Sept., and Dec. Any session may be

held at Rockville or at Stafford Springs, and may be adjourned to or from Tolland, Rockville, or Stafford Springs whenever deemed advisable.

Windham Co., civil, at Windham, 4th Tu. Oct.; *civil and crim.*, at Putnam, 1st Tu. Mar. and Sept.; at Windham, 1st Tu. May.

Courts of Common Pleas.

Fairfield Co., at Danbury, 1st Tu. in Feb., Apr., June, Dec.; at Bridgeport, 1st Tu. Jan., Mar., May, Sept., Oct., Nov.; and may adjourn from Danbury to Bridgeport, and from either place to Norwalk or Stamford for the trial of court cases; *crim.* at Bridgeport, 1st Tu. each mo. except July and Aug.; may adj. to Danbury, Norwalk, or Stamford.

Hartford Co., at Hartford, 1st Mo. in Jan., Mar., May, Sept., and Nov.

Litchfield Co., at Litchfield, 1st Tu. May, and Nov.; at Winchester, 1st Tu. Jan. and Sept.; at Canaan, 1st Tu. Feb. and Oct.; and at New Milford, 1st Tu. Mar. and Dec.

New Haven Co., at New Haven, 1st Mo. in Jan., Mar., May, and Nov., and 3d Mo. Sept.; *crim.*, 1st Mo. each mo.

New London Co., at Norwich, 1st Tu. Feb. and Oct.; at New London, 1st Tu. in Apr. and Aug.; *crim.* term, at Norwich, 2d Tu. Feb. March, Aug., and Sept.; at New London, 2d Tu. April, May, June, Oct., Nov., Dec., and Jan.

Writs may be made returnable in the county of Hartford on the 1st Monday of any month except July and August; in the county of New Haven on the 1st and 3d Monday of any month; and in the county of Litchfield on the 1st Tuesday of any month except July and August.

The District Court

Of Waterbury includes Waterbury and towns adjoining. Terms, 1st Tu. Jan., till Fri. bef. 1st Mo. July; and 1st Tu. Sept., till Fri. bef. Dec. 25; *crim.*, 1st Tu. Mar., June, Sept., and Dec. Suits ret. 1st Tu. ea. mo. except July and Aug.

SUPREME JUDICIAL AND SUPERIOR COURTS IN MASSACHUSETTS.

(Corrected September, 1895. Legislature meets in January, 1896, and may make changes.)

Supreme Judicial Court.

JURY TERMS.

Barnstable Co., at Barnstable, 1st Tu. of May.

Berkshire Co., at Pittsfield, 2d Tu. of May.

Bristol, Nantucket, and Dukes Cos., at New Bedford, 2d Tu. of Nov.; also at Taunton, 3d Tu. Apr.

Essex Co., at Salem, 3d Tu. of Apr., and 1st Tu. Nov.

Franklin Co., at Greenfield, 2d Tu. of Apr.

Hampden Co., at Springfield, 4th Tu. of Apr.

Hampshire Co., at Northampton, 3d Tu. of Apr.

Middlesex Co., at Lowell, 3d Tu. Apr.; at Cambridge, 3d Tu. Oct.

Norfolk Co., at Dedham, 3d Tu. Feb.

Plymouth Co., at Plymouth, 2d Tu. May.

Suffolk Co., at Boston, 2d Tu. Sept., and 1st Tu. Apr.

Worcester Co., at Worcester, 2d Tu. Apr.

LAW TERMS.

A law term for the Commonwealth shall be held at Boston on the 1st Wed. of Jan. of each year, which term may be adjourned to places and times most conducive to the interests of the public; and there shall be entered and determined questions of law arising in the counties of Barnstable, Middlesex, Norfolk, and Suffolk, and also in other counties where special provisions are not made therefor. And law terms of said court shall also annually be held as follows:—

Berkshire Co., at Pittsfield, 2d Tu. of Sept.

Bristol, Nantucket, and Dukes Cos., at Taunton, 4th Mo. Oct.

Essex Co., at Salem, 1st Tu. Nov.

Hampden Co., at Springfield, 2d Mo. after 2d Tu. of Sept.

Hampshire and Franklin Cos., at Northampton, Mo. aft. 2d Tu. of Sept.

Plymouth Co., at Plymouth, 3d Tu. Oct.

Worcester Co., at Worcester, 3d Mo. after 2d Tu. Sept.

Superior Court.

Barnstable Co., at Barnstable, Tu. after 2d Mo. Apr., and 2d Tu. of Oct.

Berkshire Co., at Pittsfield, (*civil*) 4th Mo. of Feb., June, and Oct.; (*crim.*) 2d Mo. of Jan. and July.

Bristol Co., (*civil*) at Taunton, 1st Mo. of Mar. and 2d Mo. of Sept.; and at New Bedford, 1st Mo. of May and Dec.; (*crim.*) at Taunton, 1st Mo. of Feb. and Nov.; and at New Bedford, 1st Mo. of June. Either crim. term may be adjourned to Fall River.

Dukes Co., at Edgartown, last Tu. of April and Sept.

Essex Co., (*civil*) at Salem, 1st Mo. of June and Dec.; at Lawrence, 1st Mo. of Mar., and at Newburyport, 1st Mo. of Sept., shall adjourn to Lawrence; (*crim.*) at Lawrence, 1st Mo. of Oct., at Newburyport, 1st Mo. of May, and at Salem, 4th Mo. of Jan.

Franklin Co., at Greenfield, 3d Mo. of April, and 2d Mo. of July and Nov.

Hampden Co., at Springfield, (*civil*) 2d Mo. of Mar. and June, and 4th Mo. of Oct.; (*crim.*) 1st Mo. of May, 4th Mo. of Sept., and 3d Mo. of Dec.

Hampshire Co., at Northampton, (*civil*) 3d Mo. of Feb., 1st Mo. of June, and 3d Mo. of Oct.; (*crim.*) 2d Mo. of June, and 3d Mo. of Dec.

Middlesex Co., (*civil*) at Lowell, 2d Mo. of Mar., and 2d Mo. of Sept.; at Cambridge, 1st Mo. of June, and 2d Mo. of Dec.; (*crim.*) at Cambridge (E.), 2d Mo. of Feb., and 1st Mo. of June; and at Lowell, 3d Mo. of Oct.

Nantucket Co., at Nantucket, 1st Tu. of July and Oct.

Norfolk Co., at Dedham, (*civil*) 1st Mo. in Jan., May, and Oct.; (*crim.*) 1st Mo. in Apr., Sept., and Dec.

Plymouth Co., at Plymouth, 2d Mo. of Feb. and June, and 4th Mo. of Oct. May hold sessions by adj., at Brockton.

Suffolk Co., at Boston, (*civil*) 1st Tu. Jan., Apr., July, and Oct.; (*crim.*) 1st Mo. of every month. The superior court holds, each month, except in July, Aug., and Sept., a session for the speedy trial of certain causes.

Worcester Co., (*civil*) at Worcester, 1st Mon. of Mar., and 2d Mo. of Dec.; and at Fitchburg, 2d Mo. of June and Nov.; (*crim.*) at Worcester, 3d Mo. of Jan., 2d Mo. of May, and 3d Mo. of Oct.; and at Fitchburg, 3d Mo. of Aug.

COURTS OF INSOLVENCY IN MASSACHUSETTS.

Courts of Insolvency in Mass. are held by the Judges of Probate and Insolvency in each county, at times appointed by themselves.

MUNICIPAL AND POLICE COURTS IN MASSACHUSETTS.

(Corrected September, 1895.)

Municipal Courts are held, *crim.* daily, *civil*, every Sat., in Boston, as follows: In Boston (old city), Roxbury Dist., South Boston, Dorchester Dist., Charlestown Dist., Brighton Dist., East Boston Dist., and West Roxbury Dist.

Police Courts are held daily at Brookline, Chicopee, Fitchburg, Holyoke, Lawrence, Lee, Lowell, Lynn, Marlboro, Newton, Somerville, and

Williamstown. Also at *Brockton*, for Brockton, Bridgewater, East and West Bridgewater; *Chelsea*, for Chelsea and Revere; *Gloucester*, for Gloucester and Rockport; *Haverhill*, for Haverhill, Bradford, and Groveland; *Newburyport*, for Newburyport and Newbury; and *Springfield* for Springfield, Agawam, Longmeadow, Hampden, West Springfield, and Wilbraham.

DISTRICT COURTS IN MASSACHUSETTS.

(Corrected September, 1895. Legislature meets in January, 1896, and may make changes.)

Saturday of each week shall be the regular return day for writs, processes, etc., in all civil actions.

1st of Barnstable. For Barnstable, Yarmouth, Sandwich, Bourne, Falmouth, and Mashpee. At Bourne, *civil and crim.*, every Sat. at 9 A. M.; at Barnstable, *crim.*, daily (except Sat.); *civil*, every Mon., 9 A. M.

2d of Barnstable. For Provincetown, Truro, Wellfleet, Eastham, Orleans, Brewster, Chatham, Harwich, and Dennis. At Harwich, *civil and crim.*, every Fri.; at Provincetown, *crim.*, daily (except Fri.), at 1 P. M.; *civil*, every Th.

No. Berkshire. For No. Adams, Clarksburg, and Florida, at No. Adams, *crim.*, daily, 9 A. M.; *civil*, every Sat.

Central Berkshire. For the towns of Dalton, Hancock, Hinsdale, Lanesborough, Peru, Pittsfield, Richmond, and Washington, at Pittsfield *crim.*, daily, 9 A. M.; *civil*, every Sat.

So. Berkshire. For Alford, Egremont, Great Barrington, Monterey, Mt. Washington, New Marlboro, and Sheffield, at Great Barrington, *crim.*, daily, at 9 A. M.; *civil*, every Sat. at 10 A. M.

4th of Berkshire. For Adams, Cheshire, Savoy, and Windsor, at Adams, *crim.*, daily; *civil*, every Sat.

1st of Bristol. For Taunton, Rehoboth, Berkley, Dighton, Seekonk, Attleborough, North Attleborough, Norton, Mansfield, Easton, and Raynham, at Taunton and Attleborough, *crim.*, daily; *civil*, every Mon., at Taunton.

2d of Bristol. For Fall River, Free-town, Somerset, and Swansea, at Fall River, *crim.*, daily; *civil*, every Mon.

[2d and 3d Dist. Courts of Bristol have concurrent jurisdiction in Westport and Freetown.]

3d of Bristol. For New Bedford, Fairhaven, Acushnet, Dartmouth, and Westport, at New Bedford, *crim.*, daily; *civil*, every Monday.

1st of Essex. For Salem, Beverly, Danvers, Hamilton, Middleton, Topsfield, and Wenham, at Salem, *crim.*, daily, 9 A. M.; *civil*, every Wednesday.

2d of Essex. For Amesbury and Merrimac, at Amesbury, *crim.*, daily.

E. Hampden. For Palmer, Brimfield, Monson, Holland, and Wales, at Palmer, *crim.*, daily, 9 A. M.; *civil*, 1st and 3d Sat. of every month.

W. Hampden. For Westfield, Chester, Granville, Southwick, Russell, Blandford, Tolland, and Montgomery, at Chester, *civil and crim.*, 2d Wed. each month; at Westfield, *crim.*, daily (except 2d Wed. each month); *civil*, every Mon.

Hampshire. At Northampton, every day at 9 A. M., except 1st and 3d Wed. and 2d and 4th Fri. each mth.; at Amherst, 1st and 3d Wed. each mth.; at Huntington, 2d and 4th Th. each mth;

at Ware, on Fri. ea. w.; at Easthampton, Belchertown, and Cummington, at option of the judge.

1st of N. Middlesex. For Ayer, Groton, Pepperell, Townsend, Ashby, Shirley, Westford, Littleton, and Boxborough, at Ayer, *crim.*, daily, 9 A. M.; *civil*, 1st and 3d Mon. of each month.

Central Middlesex. For Acton, Bedford, Carlisle, Concord, Lincoln, Maynard, Stow, Lexington, at Concord, *crim.*, daily; *civ.*, 1st and 3d Wed. ea. mth.

1st of E. Middlesex. For No. Reading, Reading, Wakefield, Melrose, Malden, Everett, and Medford, at Malden, *crim.*, daily; *civil*, weekly, at Malden, Mons., Tues. and Sats.

2d of E. Middlesex. For Watertown, Weston, and Waltham, at Waltham, *crim.*, daily; *civil*, every Sat.

3d of E. Middlesex. For Cambridge, Arlington, and Belmont, at Cambridge, *crim.*, daily; *civil*, every Sat.

4th of E. Middlesex. For Woburn, Winchester, Burlington, Wilmington, and Stoneham, at Woburn, *crim.*, daily; *civil*, every Sat.

1st of S. Middlesex. For Ashland, Framingham, Holliston, Sherborn, Sudbury, and Wayland, at S. Framingham, *crim.*, daily; *civil*, 1st and 3d Mon., except Aug.

E. Norfolk. For Randolph, Braintree, Cohasset, Weymouth, Quincy, Holbrook, and Milton, at Quincy, *crim.*, daily, 9 A. M.; *civil*, every Mon.

S. Norfolk. For Stoughton, Canton, Avon, and Sharon, at Stoughton; *crim.*, daily; *civil*, every Tu.

2d of Plymouth. For Abington, Whitman, Rockland, Hingham, Hull, Hanover, Scituate, Norwell, and Hanson, *civil and crim.* daily; writs returnable at Abington. Any action may be tried in either of the court towns.

3d of Plymouth. For Plymouth, Kingston, Plympton, Pembroke, Duxbury, and Marshfield, at Plymouth, *crim.*, daily; *civil*, every Mo.

4th of Plymouth. For Middleborough, Wareham, Lakeville, Marion, Mattapoisett, and Rochester, *civil and crim.*, at Middleborough, every Tu., Wed., and Sat., and at Wareham, every Mon., Th. and Fri.

[3d and 4th Districts have concurrent jurisdiction in Carver.]

1st of N. Worcester. For Athol, Petersham, Phillipston, Royalston, Templeton, Gardner, and Hubbardston, *crim.*, at Gardner and Athol as public convenience may require; *civil*, writs, etc., ret'd at Gardner; trials at Gardner 1st and 3d Wed., at Athol, 2d and 4th Th. every month.

DISTRICT COURTS IN MASSACHUSETTS (continued).

1st of S. Worcester. For Sturbridge, Southbridge, Charlton, Dudley, Oxford, and Webster, *crim.*, at Southbridge, Mo., Wed., and Fri., at Webster, Tu., Th., and Sat.; *civil*, at Southbridge, Mo., at Webster, Tu., weekly.

2d of S. Worcester. For Blackstone, Uxbridge, Douglas, and Northbridge, *crim. business* in Blackstone every Mo., Wed., and Fri.; in Uxbridge, every Tu., Th., and Sat.; for *civil* in Blackstone, ev. Mo., in Uxbridge, ev. Sat.

3d of S. Worcester. For Milford, Hopdale, Mendon, and Upton, at Milford, *crim.*, daily; *civil*, 1st and 3d. Wed. each mth.

Central Worcester. For Worcester, Millbury, Sutton, Auburn, Leicester, Paxton, W. Boylston, Boylston, Holden, and Shrewsbury, at Worcester, *crim.*, daily, 9 A.M.; *civil*, every Sat.

1st of E. Worcester. For Northborough, Southborough, Westborough, and Grafton; *crim.*, Westborough, ev. Mo., Wed., and Fri.; at Grafton, every Tues., Th., and Sat.; *civil*, at Westborough, every Mon.; at Grafton, every Tuesday.

2d of E. Worcester. For Clinton, Berlin, Bolton, Harvard, Lancaster, and Sterling, at Clinton, *crim.*, daily; *civil*, 2d and 4th Sat. of each month.

PROBATE COURTS IN MASSACHUSETTS.

(Corrected September, 1895. Legislature meets in January, 1896, and may make changes.)

When the appointed day falls on a holiday, or day of national or state election, the court will be held on the next secular day thereafter.

Barnstable. At Barnstable, 2d Tu. Jan., Feb., Mar., May, June, July, Aug., Sept., Nov., Dec., and 1st Tu. Apr. and Oct.

Berkshire. At Pittsfield, 1st Tu. in Jan., Feb., Mar., Apr., May, June, Sept., Oct., and Dec., 3d Tu. July, and Wed. aft. 1st Mo. Nov.; Lee, Wed. aft. 1st Tu. in Jan., Apr., and Oct., and Wed. after 3d Tu. July; Adams, Th. after 1st Tu. Jan. and Oct., Wed. after 1st Tu. Mar., and Th. after 3d Tu. in July; Gr. Barrington, Wed. after 1st Tu. in Feb., May, Sept., and Dec.

Bristol. At Taunton, 1st Fri. Mar., June, Sept., Dec.; New Bedford, 1st Fri. Feb., May, Aug., and Nov.; Fall River, 1st Fri. Jan., Apr., July and Oct.

Dukes Co. At Vineyard Haven, 3d Mo. Apr., and 1st Mo. Sept.; Edgartown, 3d Mo. Jan. and July, and 1st Mo. Mar. and Dec.; W. Tisbury, 1st Mo. June, and 3d Mo. Oct.

Essex. At Salem, 1st Mo. each mth., and 3d Mo. each mth. except Aug.; Lawrence, 2d Mo. Jan., Mar., May, June, July, Sept., and Nov.; Haverhill, 2d Mo. Apr. and Oct.; Newburyport, 4th Mo. Jan., Mar., May, June, July, Sept., Nov.; Gloucester 4th Mo. Apr. and Oct.

Franklin. At Greenfield, 1st Tu. in every mth. except Nov.; Northfield, 2d

Tu. May and Sept.; Orange, 2d Tu. Mar. and Dec., 3d Tu. June, and 4th Tu. Sept.; Conway, 3d Tu. May; Shelburne Falls, 2d Tu. Feb., 4th Tu. May, and Oct.

Hampden. At Springfield, 1st Wed. every mth. exc. Aug.; Holyoke, 3d Wed. Jan., Mar., June, and Oct.; at Palmer, 2d Wed. Feb., May, and Sept., and 4th Wed. Nov.; at Westfield 3d Wed. Feb., May, Sept., and Dec.

Hampshire. At Northampton, 1st Tu. of every mth.; Amherst, 2d Tu. Jan., Mar., June, Aug., and Nov.; Belcher-town, 2d Tu. May and Oct.; Williamsburg, 3d Tu. May and Oct.; and Ware, 2d Tu. Feb., 3d Tu. June, and 2d Tu. Sept. and Dec.

Middlesex. At Cambridge (East), 1st, 2d, and 4th Tu., of ev. mth., and at Lowell, 3d Tu. every mth. except Aug.

Nantucket. At Nantucket, on Th. after 2d Tu. of every month.

Norfolk. At Dedham, 1st and 3d Wed., Quincy, 2d Wed., Hyde Park, 4th Wed. every month except Aug.

Plymouth. At Plymouth, 2d Mo. every month except Aug.; at Brockton, 4th Mo. every month except July.

Suffolk. At Boston, every Th. in the year, except 1st, 2d, 4th and 5th Th. Aug. Insolvency cases on Fridays.

Worcester. At Worcester, 1st, 2d, 3d and 5th Tu. of every month except Aug.; Fitchburg, 4th Tu. ev. month ex. Aug.; Milford, 2d Tu. Apr. and Sept.; Templeton, 2d Tu. May and Oct.; Barre, Wed. aft. 2d Tu. of May and Oct.

JUDGES OF PROBATE COURTS IN MASSACHUSETTS.

(Corrected September, 1895.)

Barnstable, H. P. Harriman, Wellfleet.	Middlesex, C. J. McIntire, Cambridge,
Berkshire, Edw'd T. Slocum, Pittsfield.	and George F. Lawton, Lowell.
Bristol, Wm. E. Fuller, Taunton.	Nantucket, T. C. Defriez, Nantucket.
Dukes, Joseph T. Pease, Edgartown.	Norfolk, G. White, Wellesley.
Essex, Rollin E. Harmon, Lynn.	Plymouth, B. W. Harris, E. Bridgewater.
Franklin, C. C. Conant, Greenfield.	Suffolk, John W. McKim, and Robert
Hampden, W. S. Shurtleff, Springfield.	Grant, Boston.
Hampshire, W. G. Bassett, Northamp'n.	Worcester, W. T. Forbes, Westborough.

COUNTY COMMISSIONERS' MEETINGS IN MASSACHUSETTS.

(Corrected September, 1895. Legislature meets in January, and may make changes.)

Barnstable, at Barnstable, on the 2d Tu. of Apr. and Oct.

Berkshire, at Pittsfield, on 1st Tu. Jan., Apr., July, and Oct.

Bristol, at Taunton, on 4th Tu. Mar. and Sept.

Dukes Co., at Edgartown, Wed. aft. 3d Mo. May, and Wed. aft. 2d Mo. Nov.

Essex, at Ipswich, on 2d Tu. of Apr.; at Salem, on the 2d Tu. July; at Newburyport, on the 2d Tu. of Oct.; and at Lawrence, on the last Tu. of Aug.; and on the 4th Tu. of Dec., at Ipswich, Salem, or Newburyport, as they shall order at their next preceding term.

Franklin, at Greenfield, 1st Tu. Mar. and Sept., and 2d Tu. June and Dec.

Hampden, at Springfield, 2d Tu. of

Apr., 1st Tu. Oct., and 4th Tu. of June and Dec.

Hampshire, at Northampton, on 1st Tu. of ea. mth. except June., and on the Tu. aft. the 2d Mon. of June.

Middlesex, at Cambridge, on the 1st Tu. of Jan., and the 1st Tu. June; and at Lowell, on the 1st Tu. Sept.

Nantucket, 1st Wed. of each month.

Norfolk, at Dedham, on the 3d Tu. of Apr., the 4th Tu. of June and Sept., and the last Wed. of Dec.

Plymouth, at Plymouth, on the 1st Tu. of Jan., the 3d Tu. of Mar., and the 1st Tu. of Aug.

Worcester, at Worcester, every Tu.; and at Fitchburg, the last Wed. in each month.

COURTS IN THE STATE OF RHODE ISLAND.

(Corrected September, 1895. Legislature meets in January and May, and may make changes.)

Supreme Court.

APPELLATE DIVISION.

Newport Co., at Newport, 2d Mon. in May, and 3d Mon. in Sept.

Providence Co., at Providence, 4th Mon. in Apr., May, and Nov.; 1st Mon. in Oct.

Washington Co., at Wakefield, 2d Mon. in Apr. and Nov.

COMMON PLEAS DIVISION.

Bristol Co., at Bristol, 3d Mon. in Feb. and Sept.; 2d Mon. in May, and 1st Mon. in Dec.

Kent Co., at E. Greenwich, 2d Mon. in Mar.; 4th Mon. in May; 1st Mon. in Oct.; 3d Mon. in Dec.

Newport Co., at Newport, 3d Mon. in Jan.; 2d Mon. in Apr.; 4th Mon. in June; 1st Mon. in Nov.

Providence Co., at Providence, 3d Mon. in Sept., and thence continuously to the 3d Mon. of the July following; with adjourned session at Woonsocket.

Washington Co., at Wakefield, 1st Mon. in Jan., 4th Mon. in Mar., 2d Mon. in June, and 3d Mon. in Oct.; with adjourned session at Westerly.

District Courts.

Every District Court is open at all times for the transaction of *criminal business*. Original writs from any District Court are returnable to any other district.

1st Judicial District (Newport Co.), *civil* and *crim.*, at Newport each Tu. and Fri.; at Tiverton each Th.

2d District (South Kingstown, Nth Kingstown, Exeter, and District of Narragansett), *civil*, at South Kings-

town each Mon.; at North Kingstown each Th.; and at Exeter 3d Wed. each month.

3d District (Westerly, Charlestown, Hopkinton, and Richmond), *civil*, at Westerly each Fri.; at Charlestown 4th Sat. each month; at Hopkinton 2d and 4th Th. each month; and at Richmond 4th Wed. each month.

4th District (Kent Co.), *civil*, at Warwick each Tu.; at East Greenwich each Th.; at West Greenwich 3d Sat. each month; and at Coventry 2d and 4th Sat. each month.

5th District (Bristol Co.), *civil*, at Bristol each Mon., and at Warren each Th.

6th District (Providence and North Providence), *civil*, at Providence each Mon. and Th.

7th District (East Providence), *civil*, at East Providence each Fri.

8th District (Johnston, Cranston, Scituate, and Foster), *civil*, at Johnston each Mon.; at Cranston each Wed.; at Scituate 3d Sat. each month; and at Foster 2d Sat. each month.

9th District (Burrillville, Smithfield, and Glocester), *civil*, at Burrillville each Sat.; at Smithfield each Th.; and at Glocester each Wed.

10th District (Pawtucket), *civil*, at Pawtucket each Tu. and Fri.

11th District (Lincoln and Cumberland), *civil*, at Lincoln each Sat.; at Cumberland each Wed.

12th District (Woonsocket and Nth Smithfield), *civil*, at Woonsocket each Wed. and Sat.

PRESIDENTIAL CABINET OFFICERS.

Sec. of State, Richard Olney, of Mass.
Sec. of the Treas., J. G. Carlisle of Ky.
Sec. of War, D. S. Lamont of N. Y.
Attorney-Gen., Judson Harmon, Ohio.

Postmaster-Gen., W. L. Wilson, W. Va.
Sec. of the Navy, H. A. Herbert of Ala.
Sec. of the Interior, Hoke Smith of Ga.
Sec. of Agricult., J. S. Morton of Neb.

RE-SEEDING MOWING LANDS.

WHEN a mowing field is situated rather too low to be ploughed for hoed crops, and fails to produce two tons of hay to the acre, it should be ploughed and re-seeded again to grass. This should be done the last of August. It should be ploughed with a plough of good length, and one which will turn the furrows over flat, shutting in all the grass. After it has been ploughed a few days, and has had sunshine enough to make the earth pulverize easily, apply a good dressing of manure, and harrow it in with a disk harrow or a spading harrow, going over it times enough to thoroughly pulverize the soil several inches in depth. When perfectly level, sow the grass seed, and brush it in with a brush harrow made of several white birches fastened to an old four-hole post, the root of which has rotted off. The brush harrow should be followed by a heavy roller. This latter is important if the seed is expected to germinate. Should the weather in August be very dry, the ploughing and sowing may be delayed until the last of September. When this is done, and it is thought the grass is not grown enough to prevent being thrown out of ground in the winter, just before winter sets in cover the whole field with coarse stable manure, not too deep, but deep enough to prevent the frost from killing the grass. Land may thus be re-seeded without losing a crop of hay; for if the work be properly done it will produce as much hay the first year as it did the year before it was ploughed.

CARE OF PASTURE LANDS.

WHILE a large proportion of New England farmers manure their mowing lands, and keep the bushes from growing, a very small proportion pay any attention to their pasture lands. The bushes are permitted to overrun them, and the idea of fertilizing them very rarely occurs. Why this indifference? Every intelligent, thoughtful farmer must be aware that the constant feeding of grass from land by cattle, without the application of some fertilizer, will eventually exhaust it of mineral elements, which are important to the growth of grass; and that nature will rebel and refuse to produce nutritious grasses, and cover herself with innutritious grasses, or perhaps with nothing but moss.

A little effort on the part of the farmer to supply the necessary plant food, to keep the land in proper condition for the growth of grass, will make a wonderful difference in the condition of the cows that feed on it. A pasture that has been fed by milch cows for fifty years or more becomes so deficient in certain elements of plant food, that the grass which grows on it fails to keep the cows in good, healthy condition. They fail to get what they need, and will gnaw any old bones that may come within their reach; failing to find these, they will often try to eat pieces of old leather and other foreign substances.

One of the best applications to an old pasture is two hundred pounds of ground bone and one hundred pounds of muriate of potash to each acre. If barnyard manure is applied, it should be very fine, and applied in the autumn, because cattle refuse to eat grass that grows around fresh manure. When ground bone cannot be readily obtained, ground phosphate rock, sometimes called floats, may be used in place of the bone. Thomas slag will also supply the phosphate needed to bring up an old pasture.

The bushes should be kept closely cut, and particular attention should be paid to the water. If there is no running stream, and the cattle must drink from a small pond of stagnant water, see to it that it is kept as pure as possible, and that the cows are prevented from wading through it, and are permitted to approach only the edge of the deepest side. A half-barrel should be set so the water will run into it, and where the cows can only put their heads in to drink. In this way the water may be kept in a much purer state than when the cows are permitted to wade through and stand in it as long as they please. A running stream is always to be preferred, and a pasture which has one is more valuable than one without a stream.

THE PUBLIC DEBT, Sept. 1, 1895.

Exclusive of United States bonds issued to Pacific railroads.

Interest-bearing debt	\$747,360,610 00
Debt on which interest has ceased	1,695,870 26
Debt bearing no interest	377,906,998 99
Aggregate of interest and non-interest bearing debt	\$1,126,963,479 25
Cash balance in the Treasury	{ Gold Reserve, . . \$100,000,000 00
	{ Net cash balance, \$84,039,156 49

POPULATION OF THE PRINCIPAL CITIES IN MASSACHUSETTS, May 1, 1895.

	POPUL'N. 1895.	INC. OVER 1885.		POPUL'N. 1895.	INC. OVER 1885.
Boston	494,205	103,812	Brockton	33,157	12,374
Worcester	98,687	30,298	Chelsea	31,295	5,586
Fall River	88,020	31,150	Haverhill	30,185	8,390
Lowell	84,359	20,252	Malden	29,706	13,299
Cambridge	81,519	21,861	Gloucester	27,663	5,960
Lynn	62,355	16,488	Taunton	27,093	3,419
New Bedford	55,254	21,861	Newton	27,622	7,863
Somerville	52,193	22,222	Fitchburg	26,394	11,019
Lawrence	52,153	13,291	Waltham	20,877	6,268
Springfield	51,534	13,959	Quincy	20,712	8,567
Holyoke	40,149	12,254	Pittsfield	20,447	5,981
Salem	34,437	6,347	North Adams	19,127	6,587

TIDE TABLE.

The tides in the Calendar pages are for the port of Boston, in *Standard Time*. The following table contains the approximate difference between the time of High Water at Boston and several other places. The reader is warned that this table will not always give the exact time of the tide, as the difference varies from day to day. It is hoped, however, it will be near enough to be useful.

The difference, if preceded by +, is to be added to, or if preceded by -, subtracted from, the time as given in the Calendar pages.

	<i>h. m.</i>		<i>h. m.</i>		<i>h. m.</i>
Baltimore, Md.	+ 7 30	New Bedford, Mass.	- 3 30	Portsmouth, N.H.	- 0 06
Bath, Me.	+ 0 44	Newburyport, Mass.	- 0 07	Salem, Mass.	- 0 16
Beaufort, N.C.	- 4 03	Newcastle, Del.	+ 0 29	Sandy Hook, N.Y.	- 3 58
Bridgeport, Conn.	- 0 18	New Haven, Conn.	- 0 13	Savannah, Ga. Dry Dock	- 3 16
Cape Henry, Va.	- 3 34	New London, Conn.	- 2 06	St. Augustine, Fla.	- 3 08
Cape May, N.J.	- 3 10	Newport, R.I.	- 3 44	Stonington, Conn.	- 2 22
Charleston, S.C.	- 4 05	New Rochelle, N.Y.	- 0 07	Vineyard Haven, Mass.	+ 0 14
City Point, Va.	+ 3 08	New York, Gov. Island	- 3 22	Washington, D.C., Navy Yard	+ 8 41
Cold Spring, N.J.	- 3 37	Norfolk, Va.	- 2 16	West Point, N.Y.	- 0 27
Eastport, Me.	- 0 21	Philadelphia, Pa.	+ 2 15	Wilmington, Del.	- 2 23
Edgartown, Mass.	+ 0 47	Plymouth, Mass.	- 0 10	Wood's Hole, north side	- 3 36
Key West, Fla.	- 1 59	Point Judith, R.I.	- 3 37	" " south side	- 2 53
Nantucket, Mass.	+ 0 55	Portland, Me.	- 0 12		

CARRIAGE FARES IN BOSTON.

The hack rates for one adult, from one place to another within the city proper (with the exception of distances beyond certain limits, the rates for which are \$1.00, \$1.50, and upwards, *see printed pamphlet of Regulations*), or from one place to another in East Boston, or from one place to another in South Boston, or from one place to another in Charlestown, or from one place to another in Roxbury, **50 cents**. Each additional adult, **50 cents**.

Every person in charge of a hackney carriage is required to carry, so that it shall be accessible to passengers, a copy of the established rates.

Children under four years with an adult, **no charge**.

Children between four and twelve years old, with an adult, **half-price**.

From twelve at night to six in the morning, the fare is **50 cents above the preceding rates** for each passenger.

No charge for one trunk; each additional trunk, **25 cents**.

The **cab rates** are in general one-half the hack rates.

POETRY, ANECDOTES, HUMOR, ETC.

TWO PRAYERS.

OUR minister gets up to pray, and lets
the spirit flow,
An' tells the Lord a lot er things he
thinks He ought to know;
Tells him about the government, how
politics 'ill turn,—
Coz He don't mix in politics, an' hez no
way to learn.

He preaches on the Presidunt, and de-
scribes his evil natur',
And gives away the Cabinet an' our
venal legislatur';
Shows how corruption festers, an' tells
of things, I fear,
That the Lord—they come so sudden—
will be surprised to hear.

He takes the cyclopedy, an' he weaves it
in his prayer,
Sandwiched in with choice statistics
which he picks up everywhere.
They say the Lord knows everything,—
sometimes I uster doubt;
Now, I know, our pastor tells him, thet's
the way he fin's it out.

In the meetin' t'other evenin' he lifted
up his face,
An' much interestin' gossip laid before
the Throne of Grace.
Chunks of useful information did he
shrewdly intersperse,
Thet would make the Lord enlightened
ex to all the universe.

Then Jim Drew, the drunken sailor, jest
riz up there in the aisle,
An' though t'was in a holy place, we
couldn't forbear to smile;
But Deacon Briggs, he nudged me hard;
sez he, "Don't grin that way,
For, don't ye see, he's sober, and the
rascal's goin' to pray."

He started in an' sez, "O Lord! I'm jest
chuck full er sin,
An' there ain't no place, I reckon, for
your mercy to squeeze in;
For I'm jest good for nothin', an' an ole
wreck from the sea;
Take me—I ain't wuth takin'—but I
give myself to Thee."

Then he broke down an' blubbered out,
an' jest set down to bawl,
An' then there came a loud "Amen!"
that near bust through the wall.
We knew a spark of heavenly fire had
touched this earthly clod,
For his soul in all its nakedness had
shown itself to God.

There warn't much learnin' in his prayer,
but yet it travelled far,
An' went floatin' up to glory, where the
shinin' angels are.
The pastor's prayer, so weighted down
'ith figgers, facts, and proof,
Got lodged among the rafters, an' didn't
get beyond the roof.

SAM WALTER FOSS,
in *Back Country Poems*.

LIKE WEBSTER.

THE COLORED BARBER'S COMPLIMENT
TO THE YOUNG CONGRESSMAN.

ON his way back from Boston Colonel
Hitchcock stopped over a few days in
Washington, and while there he heard
a good story of one of those old colored
barbers so numerous at the capital—ex-
slaves who have been there for years, and
claim to have scraped the faces of every
president and statesman from George
Washington's time. One of these old
fellows was anointing the smooth coun-
tenance of a newly-fledged congressman
with creamy lather, which he quietly
rubbed into the skin with his slow hand.
He was talkative, like all the barbers of
his race, and anxious to "jolly" the new
arrival, seeing in perspective a fresh and
regular patron. So he gazed admiringly
into the countenance of the budding
statesman, grinned approvingly, and
said,—

"Do you know, sah, you remind me
so much of Dan'l Webster!"

Of course the young congressman
was greatly pleased at the compliment,
and he smiled visibly. He would have
straightened up promptly did he not
have his head in a barbarous chancery,
so to speak.

"Indeed!" he said. "Shape of my
head, I suppose."

This staggered the aged colored man
somewhat. He had not expected a ques-
tion in reply, and had merely laid the
foundation for his complimentary bluff,
never thinking that there would be a
call for an explanatory superstructure.

"No, sah," he stammered in reply.
"Not yo' head, sah. It's yo' breff."

Two clergymen were settled in their
youth in contiguous parishes. The con-
gregation of the one had become very
much broken and scattered, while that
of the other had remained large and
strong. At a ministerial gathering Dr.
A. said to Dr. B., "Brother, how has it
happened that while I have labored as
diligently as you have, and preached
better sermons, and more of them, my
parish has been scattered to the winds,
and yours remains strong and unbrok-
en?" Dr. B. facetiously replied, "Oh,
I'll tell you, brother. When you go
afishing you first get a rough pole for a
handle, to which you attach a cod-line
and a great hook, and twice as much
bait as the fish can swallow. With
these accoutrements you dash up to the
brook with, 'There, bite, you dogs!'—
Thus you scare away all the fish. When
I go fishing I get a little, switching pole,
a small line, and just such a hook and
bait as a fish can swallow. Then I creep
up to the brook and gently slip them in,
and I twitch 'em out, twitch 'em out,
till my basket is full."

A FAILURE.

HE cast his net at morn where fishers
toiled,
At eve he drew it empty to the shore;
He took the diver's plunge into the sea,
But thence within his hand no pearl
he bore.

HE ran a race, but never reached his goal;
He sped an arrow, but he missed his
aim;
And slept at last beneath a simple stone,
With no achievements carved about
his name.

MEN called it failure; but for my own
part,
I dare not use that word, for what if
heaven
Shall question, ere its judgment shall be
read,
Not, "Hast thou won?" but only
"Hast thou striven?"
Sunday School Times.

OLD Dr. Strong of Hartford, Conn.,
was not often outwitted by his people.
On one occasion he had invited a young
minister to preach for him who proved
rather a dull speaker, and whose sermon
was unusually long. The people became
thoroughly wearied. Dr. Strong lived
near the bridge, and about the time for
the beginning of the afternoon service
he saw his people flocking in great num-
bers across the river to the other church.
He readily understood that they feared
they should hear the same young man in
the afternoon. Collecting his wits, he
said to the young minister, "My brother
who ministers at the church across the
river is very feeble; and I know he will
take it kindly if you will preach to his
people. If you agree, I will give you a
note to him, and be as much obliged to
you as I would to have you preach for
me. And I want you to preach the same
sermon you preached to my people this
morning."

The young minister, supposing this to
be a commendation of his sermon, started
off in good spirits, delivered his note,
and was invited to preach most cordially.
He saw before him one-half of Dr.
Strong's people, and they had to listen
for one hour and a half to the same dull,
humdrum sermon they had heard in the
morning.

OUR ingress into the world
Was naked and bare;
Our progress through the world
Is trouble and care;
Our egress from the world
Will be nobody knows where;
But if we do well here
We shall do well there.
And I could tell you no more
Should I preach a whole year.

Thus sang the cobbler at his work,
And with his gestures marked the time;
Closing together, with a jerk
Of his waxed thread, the stitch and
rhyme. LONGFELLOW.

THE POLITE PUPIL.

HERE is a short dialogue that may be
acted by the young folks.

SCENE: Young woman teacher and one
of her male pupils.

Teacher: "Now we must practice our
charade so as to get it perfectly."

Pupil: "Yes, ma'am."

T. "Now we'll begin."

P. "Yes, ma'am."

T. "You needn't say, 'Yes, ma'am.'"

P. "No, ma'am."

T. "You needn't say, 'No, ma'am.'"

P. "Yes, ma'am."

T. "Hush!"

P. "Yes, ma'am."

T. "There you go again. Now, I want
you to say just what I tell you to say, and
nothing more."

P. "Yes, ma'am."

T. "There you go again!"

P. "There you go again!"

T. "You're the biggest goose I ever
saw!"

P. "You're the biggest goose I ever
saw."

T. "You're an impertinent donkey!"

P. "You're an impertinent donkey."

T. "An idiotic monkey—a parrot!"

P. "An idiotic monkey—a parrot."

T. "Well, we'll give up the charade.
March out." (She cracks him on the
side of the head with her charade book
as he dodges out, muttering, "Well,
we'll give up the charade. March out.")

— *The Rural New Yorker.*

A MOST appalling case of deafness was
that of an old lady who lived just across
the street from the Navy Yard. On
Washington's Birthday they fired a
salute of twenty-one guns. The old lady
was observed to start and listen as the
last gun was fired; then, adjusting her
cap and smoothing her dress, she ex-
claimed, "Come in!"

A MINISTER travelling through the
West in a missionary capacity, several
years ago, was holding an animated
theological conversation with a good old
lady on whom he had called, in the course
of which he asked her what she thought
of the doctrine of total depravity.
"Oh," she replied, "I think it's a good
doctrine, if people would only live up
to it."

"WELL, sir, the people had better
look out five years from now."
"Why, what will turn up then?"
"The year 1900 is going to be a bad
year."

"What makes you think that?"
"Because it will be so naughty." —
Atlanta Journal.

Lady (widow): "Do you know that
my daughter has set her eyes on you,
Herr Miller?"

Gent. (flattered): "Has she really?"

Lady: "Certainly. Only to-day she
was saying, 'That's the sort of gentle-
man I should like for my papa.'"

"You are the only woman I ever loved, darling," he whispered after she had accepted him.

"Impossible," said she; "I know better. You make love like an old hand. You cannot deceive me, George."—*Harper's Bazar*.

Voice at the head of the stair: "George, have you been drinking?"

George: "No'm."

Voice: "Say 'chrysanthemum.'"

George (silent for a moment): "Not thush time, m'dear."—*Phila. Press*.

Mother: "Mary, that young man is too presumptuous. We shall have to sit on him."

Mary: "Leave that to me, ma. I'll attend to it the next time he comes."—*Tid Bits*.

"MAMMA," said little Elsie, as the family circle was discussing acquaintances, "I know two men. One is a gentleman, and the other is papa."—*Adams Freeman*.

Prisoner: "Your honor, this policeman struck me."

New York Magistrate: "For how much?"—*Washington Star*.

Teacher: "When water becomes ice, what great change takes place?"

Pupil: "The change in price."—*Harlem Life*.

THERE is a good story told of a Herfordshire farmer. A few nights ago he went home and drank a pint of yeast by mistake for buttermilk. He rose three hours earlier the next morning.—*Tid Bits*.

A GENTLEMAN, while in church, intending to scratch his head, in a mental absence reached over into the next pew and scratched the head of an old maid. He discovered his mistake when she sued him for breach of promise of marriage.

ANSWERS TO PUZZLES IN LAST YEAR'S ALMANAC.

ANSWER TO CHARADE.
Zero.

ANSWERS TO RIDDLES.
1. Yesterday. 2. Time.

ANSWER TO BURIED PROVERB.
All's well that ends well.

CHARADES.

1. BREAK! break! break!
My first on the rocks and the sand.
May I never be vexed for the want of my next,
In the touch of a bountiful hand.

Break! break! break!

And shiver the ship on the shore.
My whole shall abide on the top of the tide,

Till the wind shall blow no more.

Original Charades [by L. B. R. Briggs.]

2. My first, a sacred river,
Flows to a sunless sea.
My next was doomed forever
To be followed by a bee.

My third I do, that you can guess my whole,
Which Cadmus out of Egypt stole.

A Century of Charades [by W. Bellamy.]

3. THEY say that my first is the seat of the mind;
If man be not my second, his forces soon fail;
But, a strange thing to tell, if he be both combined,
His reason and strength are of little avail.

Original Charades [by Andrews Norton and Others.]

USED BY MANY.

MAKE two parts of a cross, and a circle complete;
Let two semicircles on a perpendicular meet;
Then add a triangle which stands on two feet,
Two semicircles and a circle complete.

CONUNDRUMS.

1. When does a man rob his wife?
2. What part of a fish is like the end of a book?
3. Why is the letter A the best remedy for a deaf woman?
4. Why is a horse the most miserable of animals?
5. Why is the grass on which the cow feeds older than yourself?
6. Why is a dog's tail a great novelty?
7. Why does a person who is poorly loose his sense of touch?

QUESTIONS.

1. I am a word of five letters. Take from me two, and there is but one left.
2. What is that which is always invisible, and never out of sight?
3. At what time of day was Adam created?
4. What is it that goes when a wagon goes, stops when a wagon stops, is of no use to the wagon, and yet the wagon cannot go without it?
5. Show that seven is just the half of twelve.
6. A boy undertakes to put something in a playmate's left hand which he cannot possibly take in his right. What is this?
7. How many hard boiled eggs can a man eat on an empty stomach?

THE FARMER SHOULD BE A GOOD BUSINESS MAN.

It is not sufficient for a farmer to understand how to produce a crop in the cheapest and best manner, but if he would make much of a success in his calling, he must possess those business qualities which will enable him to sell his produce to the right parties at the proper time, and receive a good price for it. To do this the farmer needs a special training for this particular work. It should therefore be a part of the work of the Agricultural Colleges to teach those students who are to become farmers, how not only to sell their products to the best advantage, but also how to buy farm implements, seed, and fertilizers to the best advantage. A young farmer who starts in business without such training, will in a few years be hundreds of dollars behind those who start with it.

We have at least one agricultural school in New England which gives instruction in this line. Many years of experience has taught the writer to confine his sales to men who are ready to pay when they agree to. Those who are always putting off pay-day until next week are men to be shunned, even if they offer a little higher price than the prompt man. The expense of collection and the risk of losing the whole bill is more than the extra price will cover, to say nothing of the worry and disappointment in not getting the money when wanted.

Having secured a good customer, keep him by giving him just what you agree to, and treating him just as a business man should be treated. Adopt the rules which are sometimes seen in business men's offices, which are as follows: "Call on a business man, on business, in business hours; and when you have finished your business leave him, to do your own business, that he may be able to attend to his business." Many good customers have been lost to farmers that are fond of telling long stories. Good business men have no time to listen to long stories about land, horses, or ducks.

If a good customer is to be kept, care must be taken to put up produce honestly. The inside should always be as good as the outside. The one who does this should always have his name attached to each package. In this way he soon establishes a reputation for honesty, and as a rule he will get from ten to twenty per cent. more for his produce. In packing most garden and orchard produce, it pays to have two, and sometimes three qualities, each quality being plainly marked.

When a promise is made to deliver produce on a certain day, be careful to fulfil it; and when the sale is made by sample, see to it that the sample is no better than the average. This is important, yet how few believe it, if we are to judge by their acts!

When a man is found who always pays when he agrees to, never press him for money. If, when you carry him a load of produce, he says he is short to-day, and would like you to wait until next week, cheerfully give him the time he desires, for such men can always get about all they want, and if they find you are a little too exacting they will leave you. But should you find that he is always short, and you are convinced that he pretends to be so that he may save interest on the money, the question will arise whether you will submit and give him the advantage, or say to him you will wait and charge him interest. This is a delicate matter to handle, and no rigid rules will apply. The farmer must be wise enough to decide what is the best action to take under the circumstances.

In buying groceries, farm implements, or fertilizers, as a rule the farmer had better pay cash on delivery, even if he has to hire the money; but if he can buy on sixty or thirty days to advantage, and is sure he can meet the payment when due, it may sometimes be well to do so; but to buy on time and fail to pay when due, greatly injures a man's credit, and if repeated several times will injure a man so much that he will ever after have to pay more for what he buys, and often get an article not so good as a prompt payer will get.

FARMERS' MEETINGS.

FIFTY years ago there were comparatively few meetings of farmers held for the purpose of discussing subjects relating to improved methods of feeding and cultivating farm and garden crops. In fact, at that time the farmers, as a rule, had settled down to methods of planting, feeding, and cultivating crops, in a manner that evidently seemed to them not susceptible of improvement; and consequently little or no effort was made to gather together the farmers to compare notes, and discuss subjects relating to better methods of growing the various farm crops. But even at that early date there was here and there a farmer who was not satisfied with the old settled methods of tilling the soil. This dissatisfaction led them to investigate by reading such agricultural books as they could obtain, and by careful observation and practical experiments to test the different methods of feeding and cultivating crops.

The persistent efforts of these men soon led to the adoption of improved methods of producing crops, some of them so evident that the great mass of farmers felt compelled to change their old ways for new.

One improvement followed another so rapidly that the farmer began to realize that he must make some effort to keep up with his neighbor, or be left behind. This led to the formation of farmers' clubs, followed by organizing granges throughout the country, that frequent meetings might be held for the discussion of every new method of producing farm crops.

The great value of these meetings to the farmer and to the people generally can hardly be overestimated. At these meetings the farmer not only learns the value of the different food for cattle, the different fertilizers for plants as ascertained by careful experiments at Experiment Stations, but he also learns their value to the members of his society. Thus the new methods are tested so near to him that he becomes reasonably sure that they are correct.

CURING HAY.

HAY, while being made, can be turned over so easily and quickly by the tedder, and thus kept in the sunshine and air, that the temptation to dry it in the shortest time possible is so great that the farmer hurries it into the barn, sometimes the same day it is cut, or gets it in the second day, leaving it over night in the windrow.

He does not stop to consider whether hay made entirely by sunshine and air is as good as that which is partially made in the cock; but if his good wife should spread her herbs in the hot sun, and turn them every hour, he would think her demented. But why not dry herbs as quickly as possible? Because by so doing they lose a portion of their good qualities. Then why does not hay do the same? It no doubt does if it is thoroughly dried to the centre of each stalk; but as a rule only the outside of the larger stalks are dried, leaving the centre green. These, when placed in the barn in large quantities, from their moisture create heat, and the hay goes through the sweating process; and if too wet it will mould, and thus the hay will be what is called smoky; but if not too wet it will come out all right, and make very good hay.

Were it not for the extra labor, it would be much better to pile the hay in heaps of about forty pounds each, after having one good hot day on it. Then let it stand from one to three days, according to the size of the stalk and the variety of grass. Clover hay should never be made by spreading in the sunshine; but as soon as well wilted it should be raked in heaps of small size and not opened again; but the heaps should be made over once or twice to let the air in. If hay covers are used, the hay will be first class.

ALMOST every day the papers report some man committing suicide, who by that act abandons wife and children, or others dependent upon him, leaving them to make the struggle of life alone. What could be more cowardly, or what cowardice baser? It is shameful to attempt to shirk responsibility, or try to skulk and dodge the common battle of life. Self-destruction under any circumstances is despicable, the Roman and other philosophers to the contrary notwithstanding.—*Selected.*

IMPROVEMENT OF FRUITS BY THE SELECTION OF SEED.

WHILE a great proportion of our larger fruits have been improved through chance productions, it is no evidence that this is the best way. A careful investigation of the subject will show that while improvement through chance production is very uncertain and very slow, through systematic and well-guarded action it is much more certain, and progresses more rapidly.

This is because when man assumes direction he not only selects seed from the trees that bear the best fruit, but he selects from trees the blossoms of which have been fertilized by the pollen of flowers from a tree that bears equally good fruit, thus securing good parentage on both sides; and he also seeks the seed of a fruit that is as many generations as possible removed from the wild fruit that is not edible. For example, he would not plant seed from the Isabella grape in preference to the Moore's Early, because the Isabella came from the wild grape, while the Moore's Early came from the Concord, making it at least removed from the wild grape two generations, and thus much more likely to be good than the seeds of either the Isabella or the Concord. In the smaller fruits we have had greater opportunities to observe the importance of obtaining seed as many generations as possible from the small wild fruit. Who would think of planting seed from the small, wild strawberry to get a seedling that would produce a better fruit than the Marshall? To work intelligently and to the best advantage, we need to be able to trace back the parentage of a fruit that we are striving to improve, and then plant the seed of those that are the farthest removed from the unimproved fruit, and at the same time come from several generations that have produced fruit of good quality.

Much time and labor have been wasted in trying to improve fruit by seeds which are from fruits of a chance production of an inferior wild fruit. As the qualities of the seedling fruit are affected by the qualities possessed by several generations which precede it, there is not one chance in a thousand that such seed will produce fruit better than that of its parent.

In breeding cattle we are very careful to breed from pedigree stock; and the longer the line, and the better the quality of the line, the more valuable is it considered. That which is true with cattle is also true with fruits and vegetables. Yet fruit-growers do not seem to realize the importance of keeping a record of the pedigree of fruits and vegetables; but in strawberries they are beginning to see that if they are to work in a systematic way, they need to have a record of the parentage, as far back as possible, of all varieties which they desire to improve.

When this is done the progress will be not only more certain, but more rapid. We shall then, by working more intelligently, produce fruit not only of a large size, but of good flavor, and of firm flesh for market purposes. We shall also produce a variety adapted for home use, of fair size, excellent flavor, and of a delicate flesh.

The time has come when we ought to drop our haphazard way of improving our fruits and vegetables, and adopt a system which will enable us to work with as much certainty of results as we now do in the breeding of cattle.

THE PEANUT.

It does not seem to be generally known that the peanut can be grown to full perfection as far north as central Massachusetts. It should be planted in a hot-bed the middle of April, and as early as the danger of frost is over it should be set in a warm, rich, and light soil on a southern slope. The soil should not only be well fertilized, but should be thoroughly pulverized before the plants are set. They should be kept well cultivated during the growing season, and care should be taken not to disturb the plants while in blossom by lifting the branches from the ground, as the stalk on which the peanut grows penetrates the ground immediately after the blossom appears.

GARDEN NOTES.

THE early garden should be located on a southern slope, with a soil of sandy loam, free from stones. The late garden should be located on level land, rather low, but well drained. The soil should be a rather heavy, rich loam, but made light by liberal dressings of manure, and by thorough cultivation before being used for the production of garden crops. In fact, the early as well as the late garden should be prepared for garden crops by growing on it field crops at least two years, and applying two or three times the amount of fertilizer that the crops consume, and at the same time cultivating so thoroughly that no weeds will mature their seeds.

The practice of setting a row of currant bushes or raspberries on the edge of the garden, is a very poor one. A better way is to set them in the middle. Then the plough may be run on both sides of the row, and the grass roots will not be running in from the outside, as they will when the bushes are set on the border.

When strawberries are grown in matted beds in the garden, it is best not to try to get more than one crop of fruit, but to dig the vines in and plant some late crop, thus preventing a crop of weed seeds from ripening to cover the garden the next season with weeds. If more than one crop is to be obtained, then keep the vines in hills and the ground thoroughly cultivated, cutting the runners off before they get rooted.

Never plant the garden all at one time, but begin as early as the land is in good condition, and plant something every week until August. To have sweet corn every day until the frost comes, begin early in the season and plant a row every two weeks until the Fourth of July. It is but little use to plant peas after the middle of June. They mildew so badly after the middle of July that they are of but little value. Radishes, lettuce, beets, cucumbers, and beans may be planted at different seasons and a success secured.

While it is important to apply heavy dressings of manure to the garden, it is equally important to keep the weeds out, and frequently to stir the surface of the soil, even if there are no weeds. Plants grow but slowly when the surface of the earth is covered with a hard crust; therefore, as soon after every hard shower as the surface of the soil is dry enough to crumble, it should be stirred by the hand-hoe, wheel-hoe, or horse cultivator. This starts the circulation of air in the soil, without which the plants cannot grow.

If very early potatoes are desired, whole potatoes should be planted, and two weeks before planting they should be placed in a warm room where they will sprout, care being taken, when planting, not to break off any of the sprouts.

To raise potatoes still earlier, plant them under glass the 10th of April, about five inches apart. When the danger of frost is over carefully remove them, with the surrounding earth, to a warm, rich location; but before attempting to remove them, make the earth around them very wet. In this way potatoes may be obtained full grown by the Fourth of July.

Tomatoes should be started in the hotbed the last of March, and when two inches high, thin out so as to be three inches apart. This gives a plant with more strength of stalk than if left to grow very close together. Set as early as possible and avoid the frost. Set the plants deep, in a light, dry, and rich soil.

Watermelons should be planted the last of May, in a warm, dry soil, in hills five feet apart. When a good variety is obtained, save the seed to plant the next year, and ever after select seed from the most desirable specimens. Then you will know what to expect, which you do not always know when you buy seed.

Potatoes for planting should be stored in a dry, cool place, where the temperature keeps not less than eight, and not more than eighteen degrees above the freezing point. Never keep them in a warm cellar, where the sprouts will grow several inches in length by planting time.

POST OFFICE REGULATIONS.

(Prepared Sept., 1895, at the Post Office, Boston.)

DOMESTIC.

NOTE. — All kinds of mail matter (except regular publications sent to subscribers) must be prepaid by postage stamps.

FIRST CLASS MATTER.

LETTERS AND POSTAL CARDS in the U. S.

Letters. — (To be sent beyond the office where deposited, or for any letter-carrier office.) Letters and written matter, also all articles sealed, for each ounce or fraction thereof, no limit to weight. Must be prepaid02
Drop or Local Letters. — (To be sent within the delivery of the office where deposited, if not a letter-carrier office) for each ounce or fraction01
Registered Letters. — The fee for registered letters (in addition to the regular postage, which must be fully prepaid) is, per letter08
Postal Cards, with no writing on the face but the address, cost each01
Special (or Immediate) Delivery Letters. — They require a special stamp, in addition to regular postage10

SECOND CLASS MATTER. (Rates for Publishers, etc.)

All Newspapers and other Periodicals, one copy to each actual subscriber residing within the county where they are printed, wholly or in part, and published, except those deliverable at letter-carrier officesfree.
Newspapers and Periodicals to regular subscribers, and sample copies, each pound or fraction01
Newspapers (except weeklies) and Periodicals not exceeding two ounces in weight, when deposited in a letter-carrier's office for delivery by its carrier, each01
Periodicals over two ounces in weight, prepaid by postage stamps affixed02
Weeklies, deliverable by carriers, at letter-carrier offices, for each pound or fraction01
Transient Newspapers and Periodicals, when posted by persons other than the publisher or news agent, printed regularly in known offices of publication, for each four ounces or fraction01

THIRD CLASS MATTER.

MISCELLANEOUS PRINTED MATTER, etc., in the U. S.

Pamphlets, occasional publications, proof-sheets, or corrected proofs, and manuscript copy accompanying the same, and all matter wholly in print not issued regularly, in which the printing forms the principal use, and not exceeding four pounds in weight, for each two ounces or fraction,01
Books (only printed). — For each two ounces or fraction, not over four pounds in weight (single volumes may be over)01

FOURTH CLASS MATTER.

MERCHANDISE in the U. S.

Merchandise. — Samples of metals, ores, minerals, or merchandise, paintings in oil or water, crayon drawings, printed envelopes, bill-heads, letter-heads, blotting-paper with printed advertisements thereon, blank cards, photograph albums, blank books, labels, tags, playing cards; and any articles not of the other classes, and not liable to damage the mails, or injure any person, not exceeding four pounds in weight, for each ounce or fraction thereof01
Seeds, cuttings, bulbs, roots, and scions, for each two ounces or fraction01
 Fee for registration, in addition to the postage, for each package08

UNITED STATES MONEY ORDERS.

United States Money Orders, not exceeding \$100 on one order, are issued on payment of the following fees: —

Not exceeding \$2.50 . . . . .	.03	Exc'g \$30.00, and not exc'g \$40.00 . . . . .	.15
Exc'g \$2.50, and not exc'g \$5.00 . . . . .	.05	Exc'g \$40.00, and not exc'g \$50.00 . . . . .	.18
Exc'g \$5.00, and not exc'g \$10.00 . . . . .	.08	Exc'g \$50.00, and not exc'g \$60.00 . . . . .	.20
Exc'g \$10.00, and not exc'g \$20.00 . . . . .	.10	Exc'g \$60.00, and not exc'g \$75.00 . . . . .	.25
Exc'd \$20.00, and not exc'g \$30.00 . . . . .	.12	Exc'g \$75.00, and not exc'g \$100.00 . . . . .	.30

The issue of POSTAL NOTES was discontinued June 30, 1894.

FOREIGN.

Universal Postal Union.

The rates for the countries and places which belong to the Postal Union, a list of which is given below, are as follows:—

Prepayment optional, except for registered articles, but on printed matter and samples postage must be at least partially prepaid.

LETTERS.—5 cents per 15 grammes, a weight very slightly over one half ounce. — **POST CARDS.**—2 cents each.

PRINTED MATTER.—1 cent for each two ounces or fraction. Limit of weight, 4 lbs. 6 oz.

COMMERCIAL PAPERS (Insurance Documents, Way Bills, Invoices, Papers of Legal Procedure, Manuscripts of Works, &c.) — The same as for printed matter, but the lowest charge is 5 cents.

SAMPLES OF MERCHANDISE.—The rate is the same as for printed matter, but the lowest charge is 2 cents. Limit of weight $8\frac{1}{2}$ oz., except to Great Britain, France, Belgium, Ireland, Switzerland, Italy, Egypt, Austria-Hungary, Hawaii, and the Argentine Republic, to which countries the limit of weight is 12 oz.

Argentine Rep.	Dominican Rep.	Japan.	Salvador.
Aust. Hungary.	Ecuador.	Liberia.	Sandwich Isl.
Bahamas.	Egypt.	Mauritius.	Servia.
Barbadoes.	Falkland Isl.	Montenegro.	Siam.
Belgium.	Fiji Islands.	Natal.	So. Australia.
Bermudas.	France.	Netherlands.	Spain.
Bolivia.	French Col.	Netherland Col.	Spanish Col.
Brazil.	Germany.	Newfoundland.	Straits Settlements.
British W. Afr.	Great Britain.	New Guinea.	St. Vincent.
British W. Ind.	Greece.	New So. Wales.	Sweden.
British Guiana.	Greenland.	New Zealand.	Switzerland.
Brit. Honduras.	Guatemala.	Nicaragua.	Tasmania.
British India.	Hawaii.	Norway.	Transvaal.
Bulgaria.	Hayti.	Paraguay.	Trinidad.
Ceylon.	Heligoland.	Persia.	Turkey.
Chili.	Honduras.	Peru.	Uruguay.
Colombia.	Hong Kong.	Portugal.	Venezuela.
Congo.	Iceland.	Portuguese Col.	Victoria.
Costa Rica.	Ireland.	Queensland.	West Australia.
Danish Col.	Italy.	Roumania.	
Denmark.	Jamaica.	Russia.	

To Canada, comprising *Brit. Columbia, Manitoba, New Brunswick, Nova Scotia,* and *Prince Edward Island*, the postage for letters, printed matter, merchandise, etc., is the same as in the United States. All matter for Canada must be fully prepaid, except letters, which must be prepaid at least 2 cents.

Parcels to Jamaica, British Honduras, Bahamas, Mexico, Colombia, Salvador, Costa Rica, Hawaiian and Leeward Islands, Barbadoes, Danish West Indies, Newfoundland, and Windward Islands, not exceeding one pound, 12c.; each additional pound or fraction, 12c.

To Mexico, postage is the same as in the United States.
All mail matter may be registered to the above places.

Places not Included in the Postal Union.

(Prepayment required in all cases.)

Africa (South) Cape of Good Hope,	Madagascar . . . . .	.05
Orange Free State, Caffraria, etc. .05	Shanghai, via San Francisco . . . . .	.05
Ascension	St. Helena . . . . .	.05
China, via British Mail	Zanzibar . . . . .	.05
Navigator's Islands . . . . .		.05

To Africa (South), including *Cape of Good Hope, Caffraria, Orange Free State,* etc., and to *St. Helena* and *Ascension*, the postage for newspapers is 1 ct., if not over 2 oz., and on other printed matter, and on samples, 1 ct. for each 2 oz. To *Madagascar*, newspapers are 1 ct., if not over 2 oz.

INTERNATIONAL MONEY ORDERS.

For sums not exceeding \$10 . . . 10c. | For each additional \$10 . . . 10c.

To Great Britain, Jamaica, and Cape Colony the limit of a single order is \$50; to all other countries, \$100.

There is no limit to the number of International orders that may be issued in one day.

USEFUL HINTS.

Do not try to preserve your name by writing it on the trunks of trees or upon the walls of old buildings, but write it in the memories and affections of your friends by your uprightness and sweetness of character.

If you have a tree that bears an inferior pear or apple, graft it with scions from a good fruit, thus making it useful to yourself and family.

Thoroughly drenching a flower bed with water once in three or four days, or even once a week, is far better than a slight watering every day.

Mock whipped cream may be made of various kinds of fruit. For example, take a medium sized apple, grate it, add one cup of sugar, the white of one egg; beat twenty minutes, using a silver fork. Bananas, strawberries, and other fruit may be used instead of apple; also, one half cup of sugar instead of one cup, if one desires a less quantity and not so sweet.

A hammock may be very useful hung out of doors in warm weather, as it enables a person to rest and take fresh air at the same time. It is also useful hung in the house in winter where one has no room for a lounge, as it can be put up and taken down at pleasure.

A little finely ground bone mixed with the soil in a flower pot is a benefit to the growth of the plant.

A very good way to cook onions is to slice them and stew them in salt water until tender, and then pour them over cracker crumbs, adding a piece of butter, and stirring all together. This will digest easier than when cooked in other ways, and consequently is better for persons who have delicate stomachs.

This earth might be a paradise if each would do his part by practising the Golden Rule in his life. It may seem a simple thing, but it embraces much, and should be among a child's first teaching.

If things go wrong in the household, and the bread is heavy, do not make it heavier by fretting and finding fault. Cheerful and encouraging words will make digestion easier.

Young girls should be thoughtful of their mothers, and lend a helping hand whenever it is possible. Do not think, because mother is smart and goes about her work cheerfully, that she can never get tired. Do not clothe yourself in laundered garments, and pile up the clothes-basket on a washing day, without ever lifting a finger to help when you can as well as not. Do not think it is not elevating or genteel to work about the house. This is a great mistake. If it is degrading for you, it certainly is for your mother. If you cannot help in the washing or ironing there are many lighter things which you can do, and many steps which you can take for her which will help her very much. Do not wait for her to insist on your doing, for it will make her very happy to have your thoughtful, voluntary help; and in after years you will have it to look back upon with pleasure.

The woodbine is a favorite, and should be cultivated around buildings, and in any convenient place, for it is one of our most ornamental, hardy, and easily cultivated vines, and is readily obtained in New England. This vine, properly trained, will help to make an old house attractive, and will certainly add to the beauty of a new one.

The common yellow daisy or cone flower, planted around the house in patches, makes a very bright and pretty addition, and is especially desirable where one has neither time nor strength to cultivate a variety of flowers. These will come up year after year, and need very little care.

When setting a lawn or park with a variety of trees, the hemlock should not be overlooked. It grows to a beautiful tree, is ornamental while small, is easily cultivated in New England, and, being an evergreen, retains its beauty during the entire year.

Strive to keep a circulation of pure air through the whole house. Keep things reasonably neat and clean, but do not wash the flour barrel, or scrub the kitchen floor till it is worn so thin that you may fall through into the cellar.

If you cannot speak well of your neighbors, it is generally best to say nothing.



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Package Soda, like *Church & Co's Arm and Hammer Brand*, has the guarantee of a responsible manufacturer. Bulk Soda may be of anybody's manufacture, and generally of a poor quality. Sometimes retail dealers are imposed upon, not knowing what the jobber sends. A few think their customers should accept anything they choose to sell them, saying it is really *Arm and Hammer Brand Soda*, or it is the same thing.

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